

20000612.qrp v01_n850.qrl.20000612

Date: Mon, 12 Jun 2000 19:03:07 EDT

From: qrp-l@Lehigh.EDU

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: QRP-L digest 1850

QRP-L Digest 1850

Topics covered in this issue include:

- 1) [72455] RE: PSK-31 Contest - 3580, 7035
by "Coote, Jay" <JCoote@ci.arcadia.ca.us>
- 2) [72456] Re: PSK-31 Contest - 3580, 7035
by "baltimoremd@baltimoremd.com" <baltimoremd@baltimoremd.com>
- 3) [72457] Re: Toroidal Madness: Oops!
by "David D. Meacham" <ddm@datatamers.com>
- 4) [72458] Re: Sensitive Stereo Headphones
by "David Porter" <dporter@voicenet.com>
- 5) [72459] Re: PSK-31 Contest - 3580, 7035
by Wb8siw@aol.com
- 6) [72460] strong lightweight wire
by David Heintzleman <pstrdave@kdsi.net>
- 7) [72461] breadboarding
by Bruce Rattray <rattray@gpfn.sk.ca>
- 8) [72462] Re: Power FET PA ?
by "Mike Mullins" <mmullins@mastnet.net>
- 9) [72463] Re: PSK-31 Contest - 3580, 7035
by "baltimoremd@baltimoremd.com" <baltimoremd@baltimoremd.com>
- 10) [72464] Re: Toroidal Madness: Oops!
by Phil Wheeler <w7ox@earthlink.net>
- 11) [72465] Results from NEQRP CW net on Thursday night (8 June 00)
by Chuck Ludinsky <cjl@mitre.org>
- 12) [72466] Trade 40 mtr rig for tuner
by "Kelly Ellison" <kelman@dialnet.net>
- 13) [72467] Re: PSK-31 Contest - 3580, 7035
by "Graeme Zimmer" <gzimmer@bigpond.com>
- 14) [72468] Re: strong lightweight wire
by david fouchey <dafouchey@home.com>
- 15) [72469] Thermaleze ?
by Michael Melland <badger@vbe.com>
- 16) [72470] Re: Results from NEQRP CW net on Thursday night (8 June 00)
by Brian <brian@iquest.net>
- 17) [72471] Re: PSK-31 Contest - 3580, 7035
by hamjoel@juno.com
- 18) [72472] Re: PSK-31 Contest - 3580, 7035
by Phil Wheeler <w7ox@earthlink.net>
- 19) [72473] Re: BLT: How to use?

- by John Wagner <john@neknetwork.com>
- 20) [72474] Re: PSK-31 Contest - 3580, 7035
by "baltimoremd@baltimoremd.com" <baltimoremd@baltimoremd.com>
- 21) [72475] Re: Thermaleze ?
by Phil Wheeler <w7ox@earthlink.net>
- 22) [72476] Vanity Calls (kinda OT)
by "William Phinizy" <k6whp@gte.net>
- 23) [72477] PSK-31 Contest Take 2
by Randy Foltz <rfoltz@turbonet.com>
- 24) [72478] Help: Kikusiu Scope Schemetic..
by "William Phinizy" <k6whp@gte.net>
- 25) [72479] Re: Vanity Calls (kinda OT)
by Phil Wheeler <w7ox@earthlink.net>
- 26) [72480] Re: PSK-31 Contest Take 2
by Phil Wheeler <w7ox@earthlink.net>
- 27) [72481] RE: PSK-31 Contest - 3580, 7035
by Nick Kennedy <nkennedy@tcainternet.com>
- 28) [72482] RE: PSK-31 Contest - 3580, 7035
by "baltimoremd@baltimoremd.com" <baltimoremd@baltimoremd.com>
- 29) [72483] Re: Thermaleze ?
by "George T. Baker" <w5yr@att.net>
- 30) [72484] Re: PSK-31 Contest - 3580, 7035
by hamjoel@juno.com
- 31) [72485] Re: PSK-31 Contest - 3580, 7035
by "George T. Baker" <w5yr@att.net>
- 32) [72486] Re: Thermaleze ?
by "Ed, AC5DC" <ac5dc@ipa.net>
- 33) [72487] Re: clarification please (fwd)
by "Cla KA0GKC" <ka0gkc@arrl.net>
- 34) [72488] Jim Larsen - AL7FS, New Alaska QRP Club Webmeister
by Bruce & Tosh Hopkins <kl7h@fx2.com>
- 35) [72489] dx on 40
by hamjoel@juno.com
- 36) [72490] Re: PSK-31 Contest - 3580, 7035
by hamjoel@juno.com
- 37) [72491] Summary of Comments Re Sensitive Headphones
by SMurph555@aol.com
- 38) [72492] RE: Thermaleze
by Michael Melland <badger@vbe.com>
- 39) [72493] Schematic/PCB software.
by Andrew Madsen <MADSENANDREW@netscape.net>
- 40) [72494] Re: Boots for the K2
by "Carlos J. Caro" <cjcaro@nail.com>
- 41) [72495] SMK-1
by George W Lee <georgekr5c@juno.com>
- 42) [72496] Re: PSK-31 Contest Take 2
by Ray Colbert <af852@rgfn.epcc.edu>
- 43) [72497] QRQ Net

- by NB6M@aol.com
- 44) [72498] Re: IRF-511 "Hexfet" pinout?
by "Paul Harden, NA5N" <na5n@rt66.com>
- 45) [72499] Re: PSK-31 Contest - 3580, 7035
by "JC Smith" <jc-smith@worldnet.att.net>
- 46) [72500] Re: Schematic/PCB software.
by "Leon Heller" <leon_heller@hotmail.com>
- 47) [72501] Re: breadboarding
by "Leon Heller" <leon_heller@hotmail.com>
- 48) [72502] Re: PSK-31 Contest - 3580, 7035
by mulveyr@iname.com
- 49) [72503] F/S OUTbacker
by Wayne <walexan@ipa.net>
- 50) [72504] [Fwd: QRP on Six Meters]
by Joe Mikuckis <k3chp@erols.com>
- 51) [72505] Re: STRONG LIGHTWEIGHT WIRE
by Richard Matthews <prm@hiwaay.net>
- 52) [72506] Re: Schematic/PCB software.
by David Hinerman <dlh1009@ritvax.isc.rit.edu>
- 53) [72507] FS QRP equip
by Gordon <gordon@znet.groupz.net>
- 54) [72508] 40 meter qso/propagation
by Greg Weinfurtner <weinfurt@oak.cats.ohiou.edu>
- 55) [72509] Re: Sensitive Stereo Headphones
by Bruce Kizerian <kizerian@ced.utah.edu>
- 56) [72510] Re: PSK-31 Contest - 3580, 7035
by Wb8siw@aol.com
- 57) [72511] Re: PSK-31 Contest - 3580, 7035
by Wb8siw@aol.com
- 58) [72512] sf:mast
by Scott Howell <n3byy@speakeasy.org>
- 59) [72513] RE: Summary of Comments Re Sensitive Headphones
by "Coote, Jay" <JCoote@ci.arcadia.ca.us>
- 60) [72514] Re: PSK-31 Contest - 3580, 7035
by Gary Lee Phillips KA9NZI <ka9nzi@arrl.net>
- 61) [72515] RE: Power FET PA ?
by "Coote, Jay" <JCoote@ci.arcadia.ca.us>
- 62) [72516] Re: PSK-31 Contest - 3580, 7035
by Phil Wheeler <w7ox@earthlink.net>
- 63) [72517] RE: SGC2020
by "AI2Q Alex" <ai2q@ispchannel.com>
- 64) [72518] Re: Sensitive Stereo Headphones
by "JC Smith" <jc-smith@worldnet.att.net>
- 65) [72519] Re: PSK-31 Contest - 3580, 7035
by Gary Lee Phillips KA9NZI <ka9nzi@arrl.net>
- 66) [72520] VHF /P QRP How To's
by "Mark Adams" <k2qo@hotmail.com>
- 67) [72521] Re: FS: More Shack Cleaning Items

- by Allan G Taylor <k7gt@qsl.net>
- 68) [72522] Re: Soundblaster
by "laura halliday" <marsgal42@hotmail.com>
- 69) [72523] Re: VHF /P QRP How To's
by "Scott E. Olitsky" <solitsky@acsu.buffalo.edu>
- 70) [72524] Re: VHF /P QRP How To's
by Dave Sjolin <sjolin@swbell.net>
- 71) [72525] Help with English Transistor
by Jerry Parker <jparker@fix.net>
- 72) [72526] FS shack cleaning
by "Paul Meier" <k7pm@home.com>
- 73) [72527] Re: PSK-31 Contest - 3580, 7035
by hamjoel@juno.com
- 74) [72528] RE: Help with English Transistor
by Karl Kanalz <KKanalz@excel.com>
- 75) [72529] BLT Drilling Template
by Marv Fagenson <k6hcj@juno.com>
- 76) [72530] New 2N2/15 Information
by "Jim Kortge, K8IQY" <jokortge@prodigy.net>
- 77) [72531] Frank Lee G3YCC
by "George Dobbs" <g3rjv@gqrp.demon.co.uk>
- 78) [72532] RE: SGC2020
by "AI2Q Alex" <ai2q@ispchannel.com>
- 79) [72533] Re: BLT Drilling Template
by John Wagner <john@neknetwork.com>
- 80) [72534] 2N2/6 Transverter
by "Jim Kortge, K8IQY" <jokortge@prodigy.net>
- 81) [72535] BLT Tuner Cover
by Craig LaBarge <wb3gck@yahoo.com>
- 82) [72536] G3YCC
by "Tony Fishpool" <g4wif@btinternet.com>
- 83) [72537] RE: BLT Tuner Cover
by "John L. Sielke" <n4js@pobox.com>
- 84) [72538] SGC2020 Comments
by "Charles Mabbott" <crmabbott@mediaone.net>
- 85) [72539] Manual TIN registration
by Charles K Brown <n4so@juno.com>
- 86) [72540] "Tex" Beneke K0HWY, SK
by "Richard E. Robinson" <rerobins@email.uncc.edu>
- 87) [72541] RE: BLT Tuner Cover
by carlos.caro@lmco.com
- 88) [72542] Making BNC connectors
by Mike Maiorana <mikemo@attglobal.net>
- 89) [72543] Re: BLT Tuner Cover
by Curt Milton <wb8yyy@yahoo.com>
- 90) [72544] Re: RS.COM meter on sale
by Michael Bower <bowerm@ix.netcom.com>
- 91) [72545] Re: RS.COM meter on sale

by "Mike Yetsko" <myetsko@insydesw.com>
92) [72546] FW: SGC2020
by "AI2Q Alex" <ai2q@ispchannel.com>
93) [72547] SMK-1 # 238 On The Air!
by "Franco, Nicholas J" <franco@bnl.gov>
94) [72548] RE: BLT Tuner Cover
by "John L. Sielke" <n4js@pobox.com>
95) [72549] Bad Day at the Bench
by NB6M@aol.com
96) [72550] Re: SMK-1 # 238 On The Air!
by John Wagner <john@neknetwork.com>
97) [72551] OT: Touch-Lamp RFI
by "Dennis B. Dolle" <dolledb@cet.com>
98) [72552] Empty: don't read
by Carel <cmulder@casema.net>
99) [72553] SMK-1
by George W Lee <georgekr5c@juno.com>
100) [72554] Re: OT: Touch-Lamp RFI
by Scott Hotchkiss <w4pj@bellsouth.net>
101) [72555] Re: BLT Tuner Cover
by Craig LaBarge <wb3gck@yahoo.com>
102) [72556] Re: OT: Touch-Lamp RFI
by "Mike Yetsko" <myetsko@insydesw.com>

Date: Sun, 11 Jun 2000 16:21:39 -0700
From: "Coote, Jay" <JCoote@ci.arcadia.ca.us>
To: "'mpaley@wcnet.org'" <mpaley@wcnet.org>, Low Power Amateur Radio Discussion
<qrp-1@Lehigh.EDU>
Subject: [72455] RE: PSK-31 Contest - 3580, 7035
Message-ID: <131CE266CAD0D211B3550008C7C9A2D51CBBB4@arcadia-pd1.arcadiapd.com>
MIME-Version: 1.0
Content-Type: text/plain

My two rupees worth-
I agree. I operate digital as well as CW.
There is room in the digital subbands, especially for an extremely
narrow shift as used by PSK-31. I don't allow my three hundred cricket
to chirp in the wrong sub-bands.

73
Jay
W6CJ

-----Original Message-----
From: Mark Paley [mailto:mpaley@wcnet.org]
Sent: Sunday, June 11, 2000 6:44 PM
To: Low Power Amateur Radio Discussion

Subject: Re: PSK-31 Contest - 3580, 7035

Amen! And just when I was getting back into the CW fold...

Mark Paley--KF8KL--

-----Original Message-----

From: Ray Colbert <af852@rgfn.epcc.edu>

To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>

Date: Sunday, June 11, 2000 3:12 PM

Subject: Re: PSK-31 Contest - 3580, 7035

>Just what we need - more digital stuff on the cw part of
>the band! with a contest in the planning stage, this far
>in advance, I would think consideration would be given
>to using the regular digital/rtty portion of the band
>instead of adding to the digi crap that is already
>inhabiting the areas of those frequencies mentioned above.

Date: Sun, 11 Jun 2000 19:30:45 -0400 (EDT)

From: "baltimoremd@baltimoremd.com" <baltimoremd@baltimoremd.com>

To: Ray Colbert <af852@rgfn.epcc.edu>

Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>

Subject: [72456] Re: PSK-31 Contest - 3580, 7035

Message-ID: <Pine.BSI.4.05L.10006111928120.28964-100000@vh1.min.net>

MIME-Version: 1.0

Content-Type: TEXT/PLAIN; charset=US-ASCII

On Sun, 11 Jun 2000, Ray Colbert wrote:

> Just what we need - more digital stuff on the cw part of
> the band! with a contest in the planning stage, this far
> in advance, I would think consideration would be given
> to using the regular digital/rtty portion of the band
> instead of adding to the digi crap that is already
> inhabiting the areas of those frequencies mentioned above.

Well, perhaps the digi-heads setting up the contest didn't want to create activity on their calling frequencies...so what better place could they pick than cw calling frequencies.

Most likely an oversight...but, if the logic is extended to operations, we don't need digi-stuff in the cw portion...apparently the cw don't bother them, but I certainly don't want to hear it bleep.

thom

../
baltimoremd@baltimoremd.com Thom LaCosta K3HRN Webmaster

<http://www.baltimoremd.com/> Baltimore's Home Page
<http://www.baltimorehon.com> Home of the Baltimore Lexicon
<http://www.min.net/~thom/> Home of the Drake Mailing List

Date: Sun, 11 Jun 2000 16:01:34 -0700 (PDT)
From: "David D. Meacham" <ddm@datatamers.com>
To: K7FD-N7SG <cqdx@teleport.com>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [72457] Re: Toroidal Madness: Oops!
Message-ID: <Pine.LNX.3.96.1000611155826.9911B-100000@dt1.datatamers.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

John,
You can use them, but as you see they won't fit the holes. I don't know why Wayne changed the direction. I had the same problem with my K2. I much prefer the "old" way, as he described in the 40A manual.
72, Dave, W6EMD

Date: Sun, 11 Jun 2000 19:40:40 -0400
From: "David Porter" <dporter@voicenet.com>
To: <SMurph555@aol.com>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [72458] Re: Sensitive Stereo Headphones
Message-ID: <200006112340.TAA276992@nss4.cc.lehigh.edu>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

I believe that All Electronics has several. One that I have my eye on as it is almost what I am using now anyway, is a Koss set that was made for Ford. It has a 1/4" plug on it, but that can always be dealt with.

David Porter
dporter@voicenet.com
AA3UR

> From: SMurph555@aol.com
> To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
> Subject: Sensitive Stereo Headphones
> Date: Sunday, June 11, 2000 5:06 PM
>
> Hi all,
> I wonder if anyone has some advice on sensitive stereo headphones.
I've
> bought an inexpensive set from RS, but they are simply too insensitive.
Now
> maybe taking the "el-cheapo" tack was the wrong thing to do. Could
anyone
> point me in the direction of easily obtainable, but sensitive, stereo
> headphones? I don't like earbuds; would rather get a set of "classic"
> headphones.
> Please direct any replies to caljsi@aol.com Thanks for any help!
> 72/73
> Cal K4JSI

Date: Sun, 11 Jun 2000 19:47:36 EDT
From: Wb8siw@aol.com
To: baltimoremd@baltimoremd.com, qrp-1@lehigh.edu
Subject: [72459] Re: PSK-31 Contest - 3580, 7035
Message-ID: <50.68deb00.26757f18@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

In a message dated 06/11/2000 7:32:07 PM Eastern Daylight Time,
baltimoremd@baltimoremd.com writes:

<< Most likely an oversight...but, if the logic is extended to operations, we
don't need digi-stuff in the cw portion...apparently the cw don't bother
them, but I certainly don't want to hear it bleep. >>

I never cease to be amazed at the recent unwillingness to consider
band-plans. For years, we have been told that Amateur Radio is
self-policing. For years, we have been told that "keeping our own house in
order" was in our best interest. Apparently, anything goes these days.

Band plans are published in a wide variety of sources, both in print format
and on-line. I find it hard to believe that those sponsoring a contest
wouldn't take such band-plans into consideration.

Perhaps we need to dust off the "Wouff Hong!"

73, Jim WB8SIW
P.S. What would the "Old Man Say?"

Date: Sun, 11 Jun 2000 23:46:23 +0100
From: David Heintzleman <pstrdave@kdsi.net>
To: qrp-l@Lehigh.EDU
Subject: [72460] strong lightweight wire
Message-ID: <394416BF.B13A48EB@kdsi.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

appreciated the posts about wire - most of my frustrations with dk9sq
must have come from trying to use too heavy a wire.

question: for the non-purists among us (like me) who have been known to
run 100 watts on phone for some traffic nets and QCWA, etc, can the #26
variflex, 19 strand stuff from Radio works handle it - I'm thinking of
30 mtr or 20 mtr loops for 30-10 or 20-10 - or lightweight dipole
thanks in advance
Dave K8BBM

Date: Sun, 11 Jun 2000 17:54:32 -0600 (CST)
From: Bruce Rattray <rattray@gpfn.sk.ca>
To: QRP-Canada <qrp-canada@lists.gpfn.sk.ca>, Low Power Group <qrp-l@LeHigh.EDU>
Subject: [72461] breadboarding
Message-ID: <Pine.LNX.3.95.1000611175114.15765A-1000000@neale.gpfn.sk.ca>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Are there any do's and dont's, when one is breadboarding?...how about lead
length?....

..72/73 - Bruce (VE5RC+VE5QRP) QRP-C#1 QRP-L#886 ARCI#9683 Zombie#272
A-1 Operator Club - 10/10# 944 - SOC #11 & #12 - Whiner#10 -
"QRP! How sweet it is!" "I am da man wit "DAH" paddle!"

Date: Sun, 11 Jun 2000 18:56:18 -0500
From: "Mike Mullins" <mmullins@mastnet.net>
To: "QRP-L post message" <qrp-l@lehigh.edu>

Subject: [72462] Re: Power FET PA ?
Message-ID: <000c01bfd400\$ca4b8a60\$28d542ce@downstairs>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

K0HPS wrote to ask about a FET amplifier in QST many years ago. I'm not sure it's appropriate to discuss this topic on QRP-L, but the Nov. 1990 issue of '73' had an article on a 40 W class-C amp based on an IRF-531, which is in the same family as the IRF-511. I'm using an IRF-530 which are cheap (~\$1?) from DigiKey. It's got RF-triggered QSK that works well. I built a 20 meter version using Manhattan-style construction as described in the article. I don't have it completely debugged yet - it seems to break into oscillation at full power. I built this before I discovered that it was possible to talk to Japan with 1 watt and a G5RV. This was sent to me by a kind ham whose name I've forgotten. The article is well written by Bill Heishman N5HNN.

73 de Mike KD5CMN in STX

Date: Sun, 11 Jun 2000 20:03:50 -0400 (EDT)
From: "baltimoremd@baltimoremd.com" <baltimoremd@baltimoremd.com>
To: Wb8siw@aol.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [72463] Re: PSK-31 Contest - 3580, 7035
Message-ID: <Pine.BSI.4.05L.10006111954350.29412-1000000@vh1.min.net>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

>
> Band plans are published in a wide variety of sources, both in print format
> and on-line. I find it hard to believe that those sponsoring a contest
> wouldn't take such band-plans into consideration.

I'm not surprized at all. I have my flame suit on...but contests are one of the things I don't really like about ham radio...they can cause a lot of qrm, sometimes bring out a high number of lids who are cruising for points, and certainly don't do much for the finer arts of "communications".

But, since we're all different, there should be a place for contests, and like 30 meters, a good place for no contests.

The violation of the "gentlemen's agreement" is a real tell-tale to me. It's an example of putting the "wants" of a minority over the

Oh well, I guess I'll just run the automatic CQ on the first QRP frequency I dial up...after all, if someone else is there, they can use their filters. (g)

I've heard that some modes have built-in filters to protect them against not only ancient modes, but ancient customs.

http://www.baltimoremd.com/	Baltimore's Home Page
http://www.baltimorehon.com	Home of the Baltimore Lexicon
http://www.min.net/~thom/	QRP and Drake Mail List Pages

Date: Sun, 11 Jun 2000 17:10:55 -0700
From: Phil Wheeler <w7ox@earthlink.net>
To: cqdx@teleport.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [72464] Re: Toroidal Madness: Oops!
Message-ID: <39442A8F.69DAE8EF@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

>

Should not be a problem. Of course, you will have to tune the radio with your left hand :-)

Phil

Date: Sun, 11 Jun 2000 20:52:59 -0400
From: Chuck Ludinsky <cjl@mitre.org>
To: qrp-l@lehigh.edu, cjl@mitre.org
Subject: [72465] Results from NEQRP CW net on Thursday night (8 June 00)
Message-ID: <3944346B.5AF7700A@mitre.org>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Conditions were quite strange this night -- heavy QRN in New England, lots of CW and SSB QRM, as well as QRM from unidentifiable signals that seemed to drift up and down across the net frequency. Add to all that a bit of QSB and maybe a little RTTY..... Despite the less than promising conditions, we had an excellent net with nine folks showing up, including great support from the guys over in Michigan. Joel, K1QM, the net op for tonight, did a really good job sorting everyone out from the combined interference.

The roster for this evening included:

K1QM	Joel	Concord, MA
K1CL	Chuck	Chelmsford, MA
K8CV	Walt	Royal Oak, MI
K8DSH	Ed	FL
WZ2T	Rich	NY
KT3A	Cam	PA
K1LGQ	Dennis	Brookline, NH
WB1HBE	John	Chelmsford, MA

KB9BVN put his call in at the beginning of the net, but did not come back when Joel put his call out -- next time perhaps.

Thanks, everyone, for an enjoyable night of net CW. Hope you all show up again next week, when the net will be held at or around 3.561MHz, again at 9:00 PM (EDT), Thursday night.

72 DE K1CL,
Chuck.

Date: Sun, 11 Jun 2000 19:45:04 -0500
From: "Kelly Ellison" <kelman@dialnet.net>
To: <qrp-1@lehigh.edu>
Subject: [72466] Trade 40 mtr rig for tuner
Message-ID: <004b01bfd407\$73e1ca20\$efc9e0d8@pavilion>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hello,

I would like to trade my S&S engineering ARK4 40 meter CW transceiver for a Tuner. Would like a tuner that would work well for 5 - 100 watts such as a MFJ-971. The ARK4 works good and looks good. It is the rig that looks like a external modem and has push button tuning. Very stable radio with 5 watt output and AF CW filter. I also have an SST-20 or SST-40 to offer for sale or trade. Contact me direct for more information.

Thank you,

Kelly Ellison - WB0WQS - QRP-L#702.

Date: Mon, 12 Jun 2000 10:43:01 +1000
From: "Graeme Zimmer" <gzimmer@bigpond.com>
To: <af852@rgfn.epcc.edu>, "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [72467] Re: PSK-31 Contest - 3580, 7035
Message-ID: <010901bfd407\$5169a1c0\$7d5b868b@zims laptop>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi Ray,

> Just what we need - more digital stuff on the cw part of
> the band! with a contest in the planning stage, this far
> in advance, I would think consideration would be given
> to using the regular digital/rtty portion of the band
> instead of adding to the digi crap that is already
> inhabiting the areas of those frequencies mentioned above.

Personally, I detest contests and my heart sank when I heard of PSK31 contests being organised....

BUT..

I think we will come to accept that CW is able to share with other NARROW BAND modes.

As PSK31 is at least as narrow as CW, it should be able to co-exist with CW. And of course there are even narrower modes than PSK31 (slow MSK for instance).

Surely it's not whether a mode is DIGITAL which matters (in this context), but how WIDE it is.

After all, CW itself is a purely DIGITAL mode!

One thing I will agree with. Using an SSB rig and an PC sound card to generate a narrow signal is prone to generate wide signals if not properly adjusted. Imagine trying to transmit CW that way.

One day soon we will begin to see radios specially designed for these narrow band modes.

comments ? Zim VK3GJZ

Date: Sun, 11 Jun 2000 20:52:23 -0400
From: david fouchey <dafouchey@home.com>
To: pstrdave@kdsi.net
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [72468] Re: strong lightweight wire
Message-ID: <39443447.E94D5C35@home.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I have had many antennas made out of #26 in stealth mode running 100 watts to it with nary a problem.

Dave
WA4EMR/8

David Heintzleman wrote:

>
> appreciated the posts about wire - most of my frustrations with dk9sq
> mast have come from trying to use too heavy a wire.
>

> question: for the non-purists among us (like me) who have been known to
> run 100 watts on phone for some traffic nets and QCWA, etc, can the #26
> variflex, 19 strand stuff from Radio works handle it - I'm thinking of
> 30 mtr or 20 mtr loops for 30-10 or 20-10 - or lightweight dipole
> thanks in advance
> Dave K8BBM

Date: Sun, 11 Jun 2000 19:58:02 -0500
From: Michael Melland <badger@vbe.com>
To: qrp-l@lehigh.edu
Subject: [72469] Thermaleze ?
Message-ID: <3944359A.CE43D9D8@vbe.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I'm building a project calling for the use of 18 ga Thermaleze wire to
wind a toroid. Pardon my ignorance but is Thermaleze anything "special"
or just a type/brand of regular magnet wire ?

Thanks,

Mike

--
Michael Melland, W9WIS
Winneconne, Wisconsin, USA
FISTS #4387, 10-10 #69281, QRP-L #1656,
QRP-ARCI #9875, AK/QRP #478, NorCal, RC #252
NJ-QRP #214, SOC #142, Cheeseheads QRP Club
List Administrator: grundig@qth.net
<http://www.qsl.net/w9wis>

Date: Sun, 11 Jun 2000 20:00:50 +0100
From: Brian <brian@iquest.net>
To: cjl@mitre.org
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [72470] Re: Results from NEQRP CW net on Thursday night (8 June 00)
Message-ID: <3943E1E2.8210B2A3@iquest.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Oh MAN!!

I thought I made the net....bummer! I though he got my call and then I had a QSO with K1SW about 5 minutes later.

Sorry guys...Indiana would have been good DX on Thursday night. I'll try it again!

72

Chuck Ludinsky wrote:

>
> Conditions were quite strange this night -- heavy QRN in New England,
> lots of CW and SSB QRM, as well as QRM from unidentifiable signals that
> seemed to drift up and down across the net frequency. Add to all that a
> bit of QSB and maybe a little RTTY..... Despite the less than promising
> conditions, we had an excellent net with nine folks showing up,
> including great support from the guys over in Michigan. Joel, K1QM, the
> net op for tonight, did a really good job sorting everyone out from the
> combined interference.
>
> The roster for this evening included:
>
> K1QM Joel Concord, MA
> K1CL Chuck Chelmsford, MA
> K8CV Walt Royal Oak, MI
> K8DSH Ed FL
> WZ2T Rich NY
> KT3A Cam PA
> K1LGQ Dennis Brookline, NH
> WB1HBE John Chelmsford, MA
>
> KB9BVN put his call in at the beginning of the net, but did not come
> back when Joel put his call out -- next time perhaps.
>
> Thanks, everyone, for an enjoyable night of net CW. Hope you all show
> up again next week, when the net will be held at or around 3.561MHz,
> again at 9:00 PM (EDT), Thursday night.
>
> 72 DE K1CL,
> Chuck.

--

=====

KB9BVN NORCAL 2792 FISTS 5695 QRP-L 1540 QRP-ARCI 10223

39.558 N 86.095 W Johnson Co., Indiana
GRID: EM69WN - Ten Tec Scout - Attic Dipole - 5w
Proud to be a member of the American Radio Relay League
FISTS Century Club #764/#24 QRP - Flying PIG QRP #-57
=====

Date: Sun, 11 Jun 2000 21:02:22 -0400
From: hamjoel@juno.com
To: qrp-l@lehigh.edu
Subject: [72471] Re: PSK-31 Contest - 3580, 7035
Message-ID: <20000611.210224.-303273.0.hamjoel@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

Sounds like fun to me:

If these freqs are bad why not suggest some better ones????
I'll probably listen and or work a few stations if they have the
test...psk-31 is ideal for qrp...

Why not e-mail ur arrl rep and suggest they get in touch with everybody
concerned and set up a program to update "gentleman's agreement" that
recognizes the changes in amateur radio...

I'm still wondering who were the "gentlemen" that set up the last
agreement... hee hee...

Guess they partied before the meeting started... hee hee :-)

oh well, change..... changes with time... and I got an antenna that can
compete with any of "them"

gentlemen or not.... :-)

Love those K2 filters....

ke1la joel

in maine

trying to agree with the gentlemen...

YOU'RE PAYING TOO MUCH FOR THE INTERNET!

Juno now offers FREE Internet Access!

Try it today - there's no risk! For your FREE software, visit:

<http://dl.www.juno.com/get/tagj>.

Date: Sun, 11 Jun 2000 18:08:18 -0700
From: Phil Wheeler <w7ox@earthlink.net>
To: gzimmer@bigpond.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [72472] Re: PSK-31 Contest - 3580, 7035
Message-ID: <39443802.AAC1D8A0@earthlink.net>

MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Graeme Zimmer wrote:

>
> One thing I will agree with. Using an SSB rig and an PC sound card to
> generate a narrow signal is prone to generate wide signals if not properly
> adjusted.

Agreed .. and you see "too wide" signals on PSK31. Fortunately, they
are easy to spot and report back to the sender.

I've heard more than a few on CW over the years: Generally a much harder
fix than a simple gain adjustment.

> One day soon we will begin to see radios specially designed for these narrow
> band modes.
>

There is one now, the PSK-20 (June QST). But I'm not sure I'd call it a
"narrow band" radio, since it is designed for use with Digipan and has a
relatively (even for SSB) wide IF bandwidth. A great concept, IMHO.

Phil

Date: Sun, 11 Jun 2000 21:09:43 -0400
From: John Wagner <john@neknetwork.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [72473] Re: BLT: How to use?
Message-ID: <39443857.958D34DA@neknetwork.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Folks,

I've received many responses to this question and now understand that
after tuning, the tuner should be switched out of the tune position to
operate.

Thank you to everyone who responded so quickly, some with fairly
detailed explanations.

I will be on the air with my SMK-1, BLT and Norcal Double on the normal SMK-1 freqs this evening for about an hour starting at 0130Z. Hope to work other SMK-1's or anyone else who might be on.

Thanks again for the replies, this list continues to be a wonderful asset. 73,

John, KB1ENS

John Wagner wrote:

>
> Stupid question time; after tuning with the BLT, do I move switch one
> back, or does it stay in the "tune" position? The instructions aren't
> really clear on this. My "big" tuner has a bypass and tune position, so
> this is why I ask.
>
> Thanks, 73,
>
> John, KB1ENS
> --
> John Wagner - john@neknetwork.com
> Web page: <http://www.neknetwork.com>
> Sign up for PayPal:
> <https://secure.paypal.com/refer/pal=john%40neknetwork.com>

--

John Wagner - john@neknetwork.com
Web page: <http://www.neknetwork.com>
Sign up for PayPal:
<https://secure.paypal.com/refer/pal=john%40neknetwork.com>

Date: Sun, 11 Jun 2000 21:12:57 -0400 (EDT)
From: "baltimoremd@baltimoremd.com" <baltimoremd@baltimoremd.com>
To: hamjoel@juno.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [72474] Re: PSK-31 Contest - 3580, 7035
Message-ID: <Pine.BSI.4.05L.10006112109010.29874-100000@vh1.min.net>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Sun, 11 Jun 2000 hamjoel@juno.com wrote:

> Sounds like fun to me:
> If these freqs are bad why not suggest some better ones????

Why...I'm not running the contest...and I do read the band plans.

> Why not e-mail ur arrl rep and suggest they get in touch with everybody
> concerned and set up a program to up date "gentleman's agreement" that
> recognizes the changes in amateur radio...

Come on, use a little bit of common sense...the frequencies they called
out are generally used for cw.

> oh well, change..... changes with time... and I got an antenna that can
> compete with any of "them"
> gentlemen or not.... :-)

Perfect, compete with them fits right in with NOT understanding the whole
idea of calling freq's

../
baltimoremd@baltimoremd.com Thom LaCosta K3HRN Webmaster

<http://www.baltimoremd.com/> Baltimore's Home Page
<http://www.baltimorehon.com> Home of the Baltimore Lexicon
<http://www.min.net/~thom/> QRP and Drake Mail List Pages

Date: Sun, 11 Jun 2000 18:12:46 -0700
From: Phil Wheeler <w7ox@earthlink.net>
To: badger@vbe.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [72475] Re: Thermaleze ?
Message-ID: <3944390E.631FA25@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Michael Melland wrote:

>
> I'm building a project calling for the use of 18 ga Thermaleze wire to
> wind a toroid. Pardon my ignorance but is Thermaleze anything "special"
> or just a type/brand of regular magnet wire ?
>

Dunno .. but the name does make one wonder!

Phil

Date: Sun, 11 Jun 2000 18:18:05 -0700
From: "William Phinizy" <k6whp@gte.net>
To: "QRP-L" <qrp-l@Lehigh.EDU>
Subject: [72476] Vanity Calls (kinda OT)
Message-ID: <001001bfd40c\$10695da0\$92ad173f@k6whp>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

As a caretaker for a vanity call, I wonder if there is somewhere on the internet (or other resource) where we could find who the original owner of the call might be?

Thanks in advance..

Bill, ex-WV6KJK, ex-WN6EPZ, ex-KB6HK, K6WHP, KR6LP, N6ABV

Date: Sun, 11 Jun 2000 18:10:55 -0700
From: Randy Foltz <rfoltz@turbonet.com>
To: qrp1_post <qrp-l@lehigh.edu>
Subject: [72477] PSK-31 Contest Take 2
Message-ID: <3944389F.3BD4F7BE@turbonet.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

A little fine tuning appears in order here. Since most of the PSK-31 activity is on 20 m and far from most CW, let's make this a single band 20 meter only contest.

Also, I erred in including the WARC frequencies. They are out.

Finally, a special thank you to those of you who chose not to reply directly to me with your observations, but rather to reply to the list instead.

=====

The QRP ARCI remains pleased to announce a new PSK-31 contest,

End of Summer PSK-31 Sprint, to
be held from 2000 Z to 2400 Z on September 10, 2000.

Summary of rules:

Work stations once. This is a single band 20 m contest.
Exchange is RST, State/Province/Country (SPC), ARCI number
or power for non-members.
QSO Points are 5 for member, 4 for non-member different
continent, and 2 for non-member same continent.
Multipliers are SPC total.
Power multiplier is $> 5 \text{ W} = \text{X1}$, $1\text{-}5 \text{ W} = \text{X7}$, $250 \text{ mW} - 1 \text{ W} = \text{X10}$, $< 250 \text{ mW} = \text{X15}$.
Final score is QSO points X total SPCs X Power Multiplier.
Entry categories are single op, multi-op, and DX.
Suggested 20 m frequency is 14070.15.

Further details at
<http://personal.palouse.net/rfoltz/arci/psk31.htm>

Use the High Claimed Scores at
<http://personal.palouse.net/rfoltz/arci/form.htm> to report
your score and soapbox.

Send results within 30 days to

Randy Foltz
809 Leith St.
Moscow, ID 83843

or e-mail to rfoltz@turbonet.com.

You've got lots of time to get your equipment ready for the
contest.

73,
Randy, K7TQ
QRP ARCI Contest Chairman

Date: Sun, 11 Jun 2000 18:21:43 -0700
From: "William Phinizy" <k6whp@gte.net>
To: "QRP-L" <qrp-l@Lehigh.EDU>
Subject: [72478] Help: Kikusiu Scope Schemetic..
Message-ID: <001201bfd40c\$92166320\$92ad173f@k6whp>
MIME-Version: 1.0

Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Any one have a schematic and manual for a Kikusui COS6100M O-scope. I have a little blue thingy that is intermittent; it makes life hell for the channel 2 sensitivity and I want to know what I can replace it with.

Will pay for duplication, postage, etc.

Thanks in advance..

Bill, k6whp

Date: Sun, 11 Jun 2000 18:28:10 -0700
From: Phil Wheeler <w7ox@earthlink.net>
To: k6whp@gte.net
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [72479] Re: Vanity Calls (kinda OT)
Message-ID: <39443CAA.83BE9CEF@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

An earlier msgs:

Eric
I'm told the QCWA maintains a library of old call books, particularly for people who need to confirm how long they have been hams for QCWA member application.
Perhaps they can help you. QSWA does have a web site.
73, Bob N6WG

Phil

William Phinizy wrote:

>
> As a caretaker for a vanity call, I wonder if there is somewhere on
> the internet (or other resource) where we could find who the original
> owner of the call might be?
>
> Thanks in advance..

>
> Bill, ex-WV6KJK, ex-WN6EPZ, ex-KB6HK, K6WHP, KR6LP, N6ABV

Date: Sun, 11 Jun 2000 18:29:38 -0700
From: Phil Wheeler <w7ox@earthlink.net>
To: unlisted-recipients;; (no To-header on input)
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [72480] Re: PSK-31 Contest Take 2
Message-ID: <39443D02.945EC43D@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Wow .. what a quick (and, I think, appropriate) fix!

Phil

Randy Foltz wrote:

>
> A little fine tuning appears in order here. Since most of
> the PSK-31 activity is on 20 m and far from most CW, let's
> make this a single band 20 meter only contest.
>
> Also, I erred in including the WARC frequencies. They are
> out.
>
> Finally, a special thank you to those of you who chose not
> to reply directly to me with your observations, but rather
> to reply to the list instead.
>
> =====
>
> The QRP ARCI remains pleased to announce a new PSK-31
> contest,
> End of Summer PSK-31 Sprint, to
> be held from 2000 Z to 2400 Z on September 10, 2000.
>
> Summary of rules:
>
> Work stations once. This is a single band 20 m contest.
> Exchange is RST, State/Province/Country (SPC), ARCI number
> or power for non-members.
> QSO Points are 5 for member, 4 for non-member different
> continent, and 2 for non-member same continent.
> Multipliers are SPC total.
> Power multiplier is > 5 w = X1, 1-5 W = X7, 250 mW - 1 W =

> X10, < 250 mW = X15.
> Final score is QSO points X total SPCs X Power Multiplier.
> Entry categories are single op, multi-op, and DX.
> Suggested 20 m frequency is 14070.15.
>
> Further details at
> <http://personal.palouse.net/rfoltz/arci/psk31.htm>
>
> Use the High Claimed Scores at
> <http://personal.palouse.net/rfoltz/arci/form.htm> to report
> your score and soapbox.
>
> Send results within 30 days to
>
> Randy Foltz
> 809 Leith St.
> Moscow, ID 83843
>
> or e-mail to rfoltz@turbonet.com.
>
> You've got lots of time to get your equipment ready for the
> contest.
>
> 73,
> Randy, K7TQ
> QRP ARCI Contest Chairman

Date: Sun, 11 Jun 2000 20:15:45 -0500
From: Nick Kennedy <nkennedy@tcainternet.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [72481] RE: PSK-31 Contest - 3580, 7035
Message-ID: <01BFD3E1.D4874380.nkennedy@tcainternet.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

-----Original Message-----

From: baltimoremd@baltimoremd.com [SMTP:baltimoremd@baltimoremd.com]

Said:

"I'm not surprized at all. I have my flame suit on...but contests are one of the things I don't really like about ham radio...they can cause a lot of qrm, sometimes bring out a high number of lids who are cruising for

points, and certainly don't do much for the finer arts of "communications".

Well, it's not surprising that you have a "flame suit", given your ego-centric view of the universe.

All radio transmissions potentially "cause QRM." When a lot of hams are on the air, there's potential for a lot of QRM. There will be a lot of QRM on the 4th weekend of this month, and it'll be great.

"High number of lids"? Where did you get that stat? I guess it depends on your personal preferences. I assume that anyone that engages in an activity you have no interest in is a "lid". For the record, I'm not a rabid contesteer, but I find contest operators to be very good (and polite) operators.

Any they "don't do much for the finer arts of communications"? Perhaps you'll describe your superior types of communicatons so that we may emulate you and be judged as fine as you.

UR 5NN AR TU BK--

Nick, WA5BDU

Date: Sun, 11 Jun 2000 21:45:09 -0400 (EDT)
From: "baltimoremd@baltimoremd.com" <baltimoremd@baltimoremd.com>
To: Nick Kennedy <nkennedy@tcainternet.com>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [72482] RE: PSK-31 Contest - 3580, 7035
Message-ID: <Pine.BSI.4.05L.10006112144350.29874-100000@vh1.min.net>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Sun, 11 Jun 2000, Nick Kennedy wrote:

```
> Well, it's not surprising that you have a "flame suit", given your
> ego-centric view of the universe.
```

Thank you for your comments

[illegible]

<http://www.baltimoremd.com/> Baltimore's Home Page

<http://www.baltimorehon.com>
<http://www.min.net/~thom/>

Home of the Baltimore Lexicon
QRP and Drake Mail List Pages

Date: Sun, 11 Jun 2000 20:50:09 -0500
From: "George T. Baker" <w5yr@att.net>
To: w7ox@earthlink.net
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [72483] Re: Thermaleze ?
Message-ID: <394441D1.96E967B0@att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Insulation melts off with soldering heat.

72/73, George
Fairview, TX 30 mi NE Dallas in Collin county
Amateur Radio W5YR, in the 54th year and it just keeps getting better!
R/C since 1964 - AMA 98452 RVing since 1972 Kachina #91900556

Phil Wheeler wrote:

>
> Michael Melland wrote:
> >
> > I'm building a project calling for the use of 18 ga Thermaleze wire to
> > wind a toroid. Pardon my ignorance but is Thermaleze anything "special"
> > or just a type/brand of regular magnet wire ?
> >
>
> Dunno .. but the name does make one wonder!
>
> Phil

Date: Sun, 11 Jun 2000 21:57:01 -0400
From: hamjoel@juno.com
To: qrp-l@lehigh.edu
Subject: [72484] Re: PSK-31 Contest - 3580, 7035
Message-ID: <20000611.215704.-303273.5.hamjoel@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

Ok, now the test is in sept and will be on 30 mtrs
any idea how much dx participation there will be?
reason I ask is I need to kneaux which way to point my 20 meter ant...
takes a few hours to turn it around u kneaux....
and with the dx points and milliwatt points... lots of european dx sure
would make for a high score....
Sounds great Randy... thanks for being willing to try and give us a
contest we can have fun with... ur the man...
kella joel
in maine
thinking Randy is dandy...
and qrp-parci is doing a fb job...

YOU'RE PAYING TOO MUCH FOR THE INTERNET!
Juno now offers FREE Internet Access!
Try it today - there's no risk! For your FREE software, visit:
<http://dl.www.juno.com/get/tagj>.

Date: Sun, 11 Jun 2000 21:25:38 -0500
From: "George T. Baker" <w5yr@att.net>
To: hamjoel@juno.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [72485] Re: PSK-31 Contest - 3580, 7035
Message-ID: <39444A22.4C176852@att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

A contest on 30 meters?

72/73, George
Fairview, TX 30 mi NE Dallas in Collin county
Amateur Radio W5YR, in the 54th year and it just keeps getting better!
R/C since 1964 - AMA 98452 RVing since 1972 Kachina #91900556

hamjoel@juno.com wrote:

>

> Ok, now the test is in sept and will be on 30 mtrs

Date: Sun, 11 Jun 2000 21:31:10 -0500
From: "Ed, AC5DC" <ac5dc@ipa.net>
To: qrp-l@lehigh.edu
Subject: [72486] Re: Thermaleze ?

Message-ID: <200006120234.VAA06532@postoffice6.ipa.net>

Thermaleze is a brand name of a type of insulation used on magnet wire. It is rated at 180C or 200C which is higher than some of the other coatings. It is also thicker at 1.6 mils than most of the other coatings.

Unless there is a temperature or mechanical durability issue with some of the softer enamels and your application, there should not be a problem to use any magnet wire you have. Thermaleze was designed to be used in electric motors and transformers where most winding is automated and a scratch resistant coating is desirable.

Ed, AC5DC
Electric Motor Design Engineer
Greenwood, AR

>I'm building a project calling for the use of 18 ga Thermaleze wire to wind a toroid...

Date: Sun, 11 Jun 2000 21:36:03 -0500
From: "Cla KA0GKC" <ka0gkc@arrl.net>
To: <rattray@gpfn.sk.ca>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [72487] Re: clarification please (fwd)
Message-ID: <006301bfd416\$f4ecec80\$0200000a@mcg.net>

----- Original Message -----
From: "Bruce Rattray" <rattray@gpfn.sk.ca>

|hmmmm.....maybe it's pin 14?.....

Ref. The Electronic Data Book for Homebrewers and QRPers. Section 3(not 4)
"General Purpose LM380 Power Amplifier"

There are actually two errors in the drawing I believe. The pin in question connected to the 4.7uF cap. is pin 1 the bypass connection on the LM380N (14pin version) The pin that 12volts is applied to via the 10 ohm resistor should be pin 14.

Hope this helps.

73 de Cla KA0GKC

Date: Sun, 11 Jun 2000 22:49:49 -0400
From: Bruce & Tosh Hopkins <kl7h@fx2.com>
To: qrp-l@lehigh.edu
Subject: [72488] Jim Larsen - AL7FS, New Alaska QRP Club Webmeister
Message-ID: <39444FCD.FB39697C@fx2.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi Gang...

After four years serving as the Webmeister for the Alaska QRP Club, it is time to turn over the reins... Jim Larsen - AL7FS has agreed to take my place... Jim is one of the founding members of AKQRP and a frequent contributor to its pages... I am sure that Jim will bring a new and fresh perspective to the web site... Jim has also agreed to become the trustee of the club call - KL7AQC...

For the foreseeable future, I will be signing portable C6A and giving Jim whatever assistance I can from afar... You all take care and have fun !!! See you on the QRP frequencies... I now join the ranks of those hunting for the elusive KL7... 8^)

72 - Bruce - KL7H/C6A

Date: Sun, 11 Jun 2000 23:05:15 -0400
From: hamjoel@juno.com
To: qrp-l@lehigh.edu, elecraft@qth.net
Subject: [72489] dx on 40
Message-ID: <20000611.231140.-271241.0.hamjoel@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

high folk

well Hungary just fell for the k2 at 5 w cw.... on 7.027.24 + - 50 hz.....

got a 569 and gave HA1TQ/ QRP 10 W @ 589...
he had a vertical and his name was Laci

geaux MEAUX JOE geaux
ke1la joel

in maine
and other places
by rf

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<http://dl.www.juno.com/get/tagj>.

Date: Sun, 11 Jun 2000 23:08:33 -0400
From: hamjoel@juno.com
To: qrp-1@lehigh.edu
Subject: [72490] Re: PSK-31 Contest - 3580, 7035
Message-ID: <20000611.231140.-271241.1.hamjoel@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

sry, my error
I meant 20 meters... sometimes I do stupid or silly things this is
one of those times...
sry to raise eyebrows or blood pressure.... what a dummie at times..
kella joel
in maine
feeling foolish

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<http://dl.www.juno.com/get/tagj>.

Date: Sun, 11 Jun 2000 23:21:25 EDT
From: SMurph555@aol.com
To: qrp-1@lehigh.edu
Cc: solitsky@acsu.buffalo.edu
Subject: [72491] Summary of Comments Re Sensitive Headphones
Message-ID: <ee.6531651.2675b135@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Hi all,

I received a great deal of useful input on my question regarding
sensitive stereo headphones. In summary, here's what people said. Sony has

a type MDR-W08, which is available for about \$10.00 in Walmart and probably elsewhere that is good. Another suggestion was a Sony type MDR-V2, but I got the impression these might be expensive. Others suggested were the Warren Gregoire kit advertised in QST, and a Koss headset, available from All Electronics.

One person suggested that a figure of 102 dB per milliwatt, or something like that, is a good criterion. It may be a measure of sound pressure per unit audio power. And it was also suggested that Walmart generally has a figure of merit, or efficiency, posted for their headphones.

Thanks to all who responded for the helpful information!!

72/73

Cal K4JSI

Date: Sun, 11 Jun 2000 22:42:52 -0500
From: Michael Melland <badger@vbe.com>
To: qrp-l@lehigh.edu
Subject: [72492] RE: Thermaleze
Message-ID: <39445C3C.1A49F0A9@vbe.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Wow..... quite a response.....as usual from ther list. I started answering everyone but I need to get to sleep for work in the morning (rats...) so.....

Thanks everyone who answered my Thermaleze question. A brand of magnet wire with a propriatory coating called Thermaleze.....

73/72 de Mike

--
Michael Melland, W9WIS
Winneconne, Wisconsin, USA
FISTS #4387, 10-10 #69281, QRP-L #1656,
QRP-ARCI #9875, AK/QRP #478, NorCal, RC #252
NJ-QRP #214, SOC #142, Cheeseheads QRP Club
List Administrator: grundig@qth.net
<http://www.vbe.com/~badger>

Date: 11 Jun 00 20:58:06 PDT

From: Andrew Madsen <MADSENANDREW@netscape.net>
To: <qrp-1@Lehigh.EDU>
Subject: [72493] Schematic/PCB software.
Message-ID: <20000612035806.3221.qmail@www0c.netaddress.usa.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: quoted-printable

Hi,

I'm looking for cheap/freeware schematic capture and PCB layout software.

Any ideas? Don't worry, they will be used for a QRP project:).

Get your own FREE, personal Netscape WebMail account today at <http://webmail.netscape.com>.

Date: Sun, 11 Jun 2000 04:03:59 -0600
From: "Carlos J. Caro" <cjcaro@nail.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [72494] Re: Boots for the K2
Message-ID: <001101bfd38c\$5d6d7580\$42d396d8@default>

A list member asked about amplifier information for those times when 5 won't do.

QST, July 1981 by Steve Kapplin W4YVP
50W Broadband Amp, 1.25W input.

73, Nov 1990 by Bill Heishman N5HNN
40W QSK CW Amplifier, IRF-531 MOSFET

QST, Feb 1994 by Gary Breed K9AY
25/50W AMP, J-FET Modules

Hope this helps.

Regards,

Carlos #1333

Date: Sun, 11 Jun 2000 23:14:11 -0500

From: George W Lee <georgekr5c@juno.com>
To: qrp-1@Lehigh.EDU
Subject: [72495] SMK-1
Message-ID: <20000611.231419.-1042445.1.georgekr5c@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

I have my SMK-1 finished with this problem.
It is in TX and I can't find the solution
to get it out.

Wrote Dave and no answer. Suspect that is because
he is very busy with personal things right now.

Have made voltage checks and very carefully
checked for parts oriented correctly. Have
checked all diodes for correct orientation.
Followed the keying as I could, but evidently
have missed something.

Any help from anyone is appreciated. Reply direct
please and I will post when the solution is firm.

Thanks for your assistance or understanding either.

72, George KR5C

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<http://dl.www.juno.com/get/tagj>.

Date: Sun, 11 Jun 2000 22:25:55 -0600
From: Ray Colbert <af852@rgfn.epcc.edu>
To: qrp-1@lehigh.edu
Subject: [72496] Re: PSK-31 Contest Take 2
Message-ID: <39446653.2E4C1815@rgfn.epcc.edu>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Randy, Thank you for your reconsideration and changes
to the contest schedule. It is greatly appreciated.

73

Ray

--

"The more I see of the representatives of the people, the more I
admire my dogs." letter from Count d'Orsay to John Foster 1850
Ray Colbert, W5XE, 00TC#3618, SOWP#1064M NARTE-NCT2 SOC#78
MI-QRP 379QRP-ARCI 5784 NORCAL 1110, El Paso, (FAR WEST) TEXAS

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Date: Mon, 12 Jun 2000 00:56:17 EDT
From: NB6M@aol.com
To: qrp-1@lehigh.edu
Subject: [72497] QRP Net
Message-ID: <aa.643164c.2675c771@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

In the absence of Ed, WE6W, and Ben, NW7DX, I opened the QRP net on 7039 at
three or four minutes after 0200Z, as the frequency was busy up to that time.

Had one checkin, KF6RMK, who I had to apologize to as I could not copy him
through local noise.

Hearing no other checkins, several minutes later I closed the net.

Hopefully there will be more of us next Sunday. Give a listen and check in.
It is a lot of fun to work on your CW proficiency along with the rest of us.

72

Wayne NB6M

Date: Sun, 11 Jun 2000 23:14:20 -0600 (MDT)
From: "Paul Harden, NA5N" <na5n@rt66.com>
To: "Coote, Jay" <JCoote@ci.arcadia.ca.us>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [72498] Re: IRF-511 "Hexfet" pinout?
Message-ID: <Pine.SUN.4.10.10006112313060.26026-1000000@shell.rt66.com>
MIME-Version: 1.0

Content-Type: TEXT/PLAIN; charset=US-ASCII

On Sun, 11 Jun 2000, Coote, Jay wrote:

> I can't seem to find a pinout for an IRF-511 hexfet (powerFET) here in
> the radio shop.
> Can someone give me the info on which leads are G/D/S?
> Thanks
> Jay
> W6CJ
>

Jay and others,
The IRF510, 511, 512, 520 family is G-D-S looking into the front of
the device (pins down, metal tab on the back).

72, Paul NA5N

Date: Sun, 11 Jun 2000 22:37:16 -0700
From: "JC Smith" <jc-smith@worldnet.att.net>
To: <af852@rgfn.epcc.edu>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [72499] Re: PSK-31 Contest - 3580, 7035
Message-ID: <005a01bfd434\$a23a9780\$8ec0480c@att.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I'll bet it was an oversight or just a case of someone suffering a "senior moment" (head up and locked, we used to call it before I became "senior"). Let's not get too worked up until we see if the contest planners see the light and move things to the correct sub-band. Anyone can make a mistake, the best of us will admit it, correct it and learn. There's room for all of us, and as much as I love CW, heaven forbid that we should discourage new modes and experimentation.

Just my .02.

72 - JC,k0hps@amsat.org

----- Original Message -----

From: Ray Colbert <af852@rgfn.epcc.edu>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>

Sent: Sunday, June 11, 2000 3:13 PM
Subject: Re: PSK-31 Contest - 3580, 7035

> Just what we need - more digital stuff on the cw part of
> the band! with a contest in the planning stage, this far
> in advance, I would think consideration would be given
> to using the regular digital/rtty portion of the band
> instead of adding to the digi crap that is already
> inhabiting the areas of those frequencies mentioned above.
> --
> "The more I see of the representatives of the people, the more I
> admire my dogs." letter from Count d'Orsay to John Foster 1850
> Ray Colbert, W5XE, 00TC#3618, SOWP#1064M NARTE-NCT2 SOC#78
> MI-QRP 379QRP-ARCI 5784 NORCAL 1110, El Paso, (FAR WEST) TEXAS
> -----
> NetZero - Defenders of the Free World
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Date: Mon, 12 Jun 2000 00:25:25 PDT
From: "Leon Heller" <leon_heller@hotmail.com>
To: MADSENANDREW@netscape.net, qrp-1@Lehigh.EDU
Subject: [72500] Re: Schematic/PCB software.
Message-ID: <20000612072526.5536.qmail@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

>
>Hi,
> I'm looking for cheap/freeware schematic capture and PCB layout
>software.
> Any ideas? Don't worry, they will be used for a QRP project:).

I use EasyPC from Number One Systems (www.numberone.com). The entry level software is quite inexpensive. I got a copy of the free version of Eagle (I think it's www.cadsoft.de) and that looks very good.

73, Leon

--

Leon Heller, G1HSM
Tel (work): +44 1327 357824 Tel (mobile): +44 79 9098 1221
InfraRed Integrated Systems Ltd., Towcester Mill, Towcester, Northants.,
NN12 6AD, United Kingdom.
Email:leon_heller@hotmail.com
Web page: <http://www.geocities.com/SiliconValley/Code/1835>

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Date: Mon, 12 Jun 2000 00:39:41 PDT
From: "Leon Heller" <leon_heller@hotmail.com>
To: rattray@gpfn.sk.ca, qrp-1@Lehigh.EDU
Subject: [72501] Re: breadboarding
Message-ID: <20000612073941.17727.qmail@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

>Date: Sun, 11 Jun 2000 17:54:32 -0600 (CST)
>
>Are there any do's and dont's, when one is breadboarding?...how about lead
>length?....

Keep them as short as possible, especially ones going to ground. I often
use "ugly" construction (mine are *very* ugly), and have never had any
stability problems.

73, Leon

--

Leon Heller, G1HSM
Tel (work): +44 1327 357824 Tel (mobile): +44 79 9098 1221
InfraRed Integrated Systems Ltd., Towcester Mill, Towcester, Northants.,
NN12 6AD, United Kingdom.
Email:leon_heller@hotmail.com
Web page: <http://www.geocities.com/SiliconValley/Code/1835>

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Date: Mon, 12 Jun 2000 07:31:55 -0400 (EDT)
From: mulveyr@iname.com
To: qrp-l@lehigh.edu
Subject: [72502] Re: PSK-31 Contest - 3580, 7035
Message-ID: <200006121131.HAA27955@mulvey.dyndns.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: 7bit

> There's room for all of
> us, and as much as I love CW, heaven forbid that we should discourage new
> modes and experimentation.

Yes, but what we're obviously seeing is that people are reacting badly more because the contest is *digital*, not because of the bandplan.

I suspect that there wouldn't have been nearly the backlash if the organizers had made the mistake of, for example, having a CW contest strictly on 30M. At the very least, they would have been corrected in a far more polite fashion.

- Rich

Date: Mon, 12 Jun 2000 06:44:31 -0500
From: Wayne <walexan@ipa.net>
To: qrp-l@Lehigh.EDU
Subject: [72503] F/S OUTbacker
Message-ID: <4.3.1.2.20000612064358.00a72950@popd.ipa.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="iso-8859-1"; format=flowed
Content-Transfer-Encoding: quoted-printable

Out Backer is sold.

Thanks,

73,

Wayne

N=D8EA

Date: Mon, 12 Jun 2000 08:12:21 -0400
From: Joe Mikuckis <k3chp@erols.com>
To: qrp-1@lehigh.edu
Subject: [72504] [Fwd: QRP on Six Meters]
Message-ID: <3944D3A5.1716@erols.com>
MIME-Version: 1.0
Content-Type: message/rfc822
Content-Transfer-Encoding: 7bit
Content-Disposition: inline

Message-ID: <3944AA0A.1908@erols.com>
Date: Mon, 12 Jun 2000 05:14:50 -0400
From: Joe Mikuckis <k3chp@erols.com>
Reply-To: k3chp@erols.com
X-Mailer: Mozilla 3.01C-KC032698 (Win95; I)
MIME-Version: 1.0
To: NoVaQRP@topica.com
Subject: QRP on Six Meters
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Well, I decided to see what can be done with 5 watts and a vertical antenna on six meters. So I looked into the ARRL VHF QSO Party this weekend. The operation was casual; I turned my rig on at different times of the day and evening to check the propagation. Strange things were happening with the band (I think it was sporadic E because the openings were very short, usually lasting only a few minutes) but I managed to work eleven Florida stations, one in TX, AR and NM, and one in Havana, as well as many locals and semi-locals! Two stations were worked on CW, one on AM, and the rest on SSB. Observation: yes, you can have QRP fun on six meters.

73 de Joe, K3CHP
Riverdale, MD

Date: Mon, 12 Jun 2000 07:23:51 -0500
From: Richard Matthews <prm@hiwaay.net>
To: kd1jv@moose.ncia.net, qrp-1@lehigh.edu
Subject: [72505] Re: STRONG LIGHTWEIGHT WIRE

Message-ID: <3.0.1.32.20000612072351.00a6e6c0@hiwaay.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

At 12:56 PM 6/11/00 +0000, you wrote:

>I wonder if piano wire (stainless steel, I think) is available in,
>say, 100 ft spools? It would be a heck of a lot stronger than copper
>of the same gauge, which means one could use a very small gauge.
>However, making connections to it could be a trick. Might be a tad
>expensive though, but on the other hand, should last pretty much
>forever..
>
>72,
>Steve, KD1JV in the white Mountains of New Hampshire
.....

Just happen to have a roll laying on my desk here016 dia comes
in a 1/4 pound roll so that means this roll contains about 366'. The
biggest problem of using music wire is that it will rust quickly (high
carbon content). A plus is the tensile strength, .016 dia has a strenght of
362-400 ksi.

Hard drawn copper is hard to beat for ant wire.

73

Richard WA4NWW

Date: Mon, 12 Jun 2000 08:31:05 -0400
From: David Hinerman <dlh1009@ritvax.isc.rit.edu>
To: qrp-l <qrp-l@Lehigh.EDU>
Subject: [72506] Re: Schematic/PCB software.
Message-ID: <001601bfd46a\$1c5c34d0\$2d0a05cc@rochester.com>
MIME-version: 1.0
Content-type: text/plain; charset=iso-8859-1
Content-transfer-encoding: 7BIT

> I'm looking for cheap/freeware schematic capture and PCB layout
software.
> Any ideas? Don't worry, they will be used for a QRP project:).

Andrew:

CIRCAD. Definitely. (www.holophase.com) You can even find a few circuit
files in CIRCAD format on the Web. (For example, look at
<http://www.qsl.net/it9xxs/frmain.htm> and follow the "download" link.)

The shareware version of CIRCAD doesn't auto-route, but that's not usually a problem unless you're laying out microprocessor or a huge digital circuit. Other than that, it does everything you need.

Dave

Date: Mon, 12 Jun 2000 08:35:35 -0400
From: Gordon <gordon@znet.groupz.net>
To: qrp-1@Lehigh.EDU
Subject: [72507] FS QRP equip
Message-ID: <4.2.0.58.20000612083219.00974a80@mail.groupz.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Have the following for sale:

Ten Tech Argosy 509 xcvr
CW filter model 208
ten tech Amp 50wattts model 405
tuner heath qrp

have manuals for all except the cw filter.

pkg deal 375.00 and shipping

pse answer direct

Gordon W4KYW

Date: Mon, 12 Jun 2000 08:38:56 -0400
From: Greg Weinfurtner <weinfurt@oak.cats.ohiou.edu>
To: qrp-1@Lehigh.EDU
Subject: [72508] 40 meter qso/propagation
Message-ID: <v03110703b56a8696f076@[132.235.81.133]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Hi all,

With propagation all fouled up I thought that I'd get on the bands last night and see how things were. Had a nice qrp 2x, 40 meter qso with W3BB0 (Bob) Sunday evening, got a 439 from him, he was in Erie Pa. We chatted a few minutes and then W9FHA (John) jumped in and said hello with his DSW40. He was camping near Evansville, In and had a great signal. He gave me 599 rst and he had a 589. Band was not in great shape, but apparently west was better than north from my QTH of Athens in Southeastern Ohio.

Bands seemed noisy but there were qso's to be had...

72 de NS80

Date: Mon, 12 Jun 2000 06:06:59 -0600
From: Bruce Kizerian <kizerian@ced.utah.edu>
To: SMurph555@aol.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [72509] Re: Sensitive Stereo Headphones
Message-ID: <3944D263.1F35C45C@ced.utah.edu>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I have tested many types of inexpensive stereo headphones. Charles Kitchin did the same, and we both came to the same conclusion. Sony headphones are much more sensitive than the other brands. I found the in-the-ear varieties to be the most sensitive on the ElmeRadio. If you find these annoying try any of their light weight Walkman headphones. They all seem to be excellent. I purchased a couple of pairs of on-the-ear types on sale for \$6.00 each. They are very comfortable and sensitive.

Hope this helps

Bruce kk7zz

Date: Mon, 12 Jun 2000 08:52:46 EDT
From: Wb8siw@aol.com
To: gzimmer@bigpond.com, qrp-1@lehigh.edu
Subject: [72510] Re: PSK-31 Contest - 3580, 7035

Message-ID: <7a.674005e.2676371e@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

In a message dated 06/11/2000 8:44:14 PM Eastern Daylight Time,
gzimmer@bigpond.com writes:

<< Surely it's not whether a mode is DIGITAL which matters (in this context),
but how WIDE it is.
After all, CW itself is a purely DIGITAL mode! >>

Hi Zim:

I agree with you to a large extent, however, there is a tendency for those
operating one mode to "ignore" other modes on frequency. For example, how
often has one heard a CW operator call CQ atop a RTTY or Pactor station.
Likewise, how often has one heard a Pactor station or other digital mode come
up on top of a CW QSO or net.

Some of these folks seem to think "if I'm not operating that mode, it doesn't
exist." Likewise, how many of these folks take the time to change to CW and
transmit "QRL?" before opening up in a digital format? Very few, if any, I
suspect. Gentlemen's agreements and band-plans prevent many of these
problems.

Just a few nights ago, we had a digital operator come up on our CW Net. He
was zero-beat with NCS and made life difficult for everyone. He didn't ask
if the frequency was in use, nor did he apparently listen before transmitting
(automated?).

As CW is de-emphasized, and fewer and fewer people will be able to copy a
"QRL" at any reasonable speed, band plans for courteous operating will become
more important. This simply preserves the "peace" and encourages good
operating practice.

While I agree that the occasional digital op / QSO running PSK-31 in the CW
portion is no problem, a contest is a different matter. It simply invites
conflict and poor operating practices. There's plenty of room in the hobby
for everyone, particularly for those engaged in the use of narrow band modes,
such as CW and PSK-31. It is simply my opinion that the use of a band-plan
encourages good operating practice.

73, Jim WB8SIW

Date: Mon, 12 Jun 2000 09:16:09 EDT
From: Wb8siw@aol.com
To: jc-smith@worldnet.att.net, qrp-1@lehigh.edu
Subject: [72511] Re: PSK-31 Contest - 3580, 7035
Message-ID: <c.65e1c4b.26763c99@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

In a message dated 06/12/2000 2:10:58 AM Eastern Daylight Time,
jc-smith@worldnet.att.net writes:

<< Anyone can make a mistake,
the best of us will admit it, correct it and learn. There's room for all of
us, and as much as I love CW, heaven forbid that we should discourage new
modes and experimentation. >>

Hi JC:

Absolutely....I agree. Let's not make the mistake of painting the issue of
band plans as a "CW vs. other modes" debate. It's simply a discussion of
good operating practice. Likewise, we all have such "senior moments!" LOL.

73, Jim

Date: Mon, 12 Jun 2000 09:47:43 -0400 (EDT)
From: Scott Howell <n3byy@speakeasy.org>
To: tentec@contesting.com, qrp-1@lehigh.edu
Subject: [72512] sf:mast
Message-ID: <Pine.LNX.4.20.0006120945490.1030-1000000@n3byy.yi.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I still have available the dk9sq 33ft telescoping mast for \$85
shipped. Its new never used not even once.

I also have the dk9sq loop antenna. \$70 shipped.

All items are insured and packed well.

tnx es 73 de Scott/n3byy

Date: Mon, 12 Jun 2000 06:54:03 -0700
From: "Coote, Jay" <JCoote@ci.arcadia.ca.us>
To: "'SMurph555@aol.com'" <SMurph555@aol.com>, Low Power Amateur Radio Discussion
<qrp-1@Lehigh.EDU>
Subject: [72513] RE: Summary of Comments Re Sensitive Headphones
Message-ID: <131CE266CAD0D211B3550008C7C9A2D51CBBB9@arcadia-pd1.arcadiapd.com>
MIME-Version: 1.0
Content-Type: text/plain

One other comment about earphones... audio response.
AF response can be "too good" in some cases. In a radio w/o much AF
filtering, you'll hear hiss, key clicks, thumps, etc.

Jay
W6CJ

-----Original Message-----

From: SMurph555@aol.com [mailto:SMurph555@aol.com]
Sent: Sunday, June 11, 2000 8:21 PM
To: Low Power Amateur Radio Discussion
Subject: Summary of Comments Re Sensitive Headphones

Hi all,

I received a great deal of useful input on my question regarding
sensitive stereo headphones. In summary, here's what people said. Sony
has
a type MDR-W08, which is available for about \$10.00 in Walmart and
probably
elsewhere that is good. Another suggestion was a Sony type MDR-V2, but
I got
the impression these might be expensive. Others suggested were the
Warren
Gregoire kit advertised in QST, and a Koss headset, available from All
Electronics.

One person suggested that a figure of 102 dB per milliwatt, or
something
like that, is a good criterion. It may be a measure of sound pressure
per
unit audio power. And it was also suggested that Walmart generally has
a
figure of merit, or efficiency, posted for their headphones.

Thanks to all who responded for the helpful information!!

72/73

Cal K4JSI

Date: Mon, 12 Jun 2000 09:00:06 -0500
From: Gary Lee Phillips KA9NZI <ka9nzi@arrl.net>
To: qrp-l@Lehigh.EDU
Subject: [72514] Re: PSK-31 Contest - 3580, 7035
Message-ID: <3944ECE5.1EF84D6B@arrl.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Yes, I agree about following bandplans, and especially when they are already well-established and widely-publicized, as in this case. Which has made me wonder sometimes why the PSK31 activity on 14 MHz has crept down so low on the band... It should not be below 14.070 according to my copy of any manuals.

I operate digital as much as or more than I operate morse. I carefully observe the recommended frequencies as published by the ARRL. Of course, this is a two way street, and the occasional loud morse signal in the digital subbands isn't very welcome by digital ops either.

The digital range is quite narrow on most HF bands. I agree, contests should keep digital signals within the agreed-upon subband, but let's also keep the morse CW in its own proper locations.

I suspect that in this case, the suggested frequencies are an oversight.

Let's give the organizers a chance to correct it.

-- Gary Phillips, Marengo, IL <mailto:ka9nzi@arrl.net>
KA9NZI, Seneca Twp., McHenry Co., IL Grid: EN52rg
QRP-L #2124 <http://www.qsl.net/ka9nzi/>

Date: Mon, 12 Jun 2000 07:01:08 -0700
From: "Coote, Jay" <JCoote@ci.arcadia.ca.us>
To: "'mmullins@mastnet.net'" <mmullins@mastnet.net>, Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [72515] RE: Power FET PA ?
Message-ID: <131CE266CAD0D211B3550008C7C9A2D51CBBBA@arcadia-pd1.arcadiapd.com>

MIME-Version: 1.0
Content-Type: text/plain

Mike and the List:

I don't know about QRO amps pros and cons, but there are plenty of applications for power FET RF amplifiers for QRP transmitters in the 2-5 watt class.

Power FETs have high input impedance, low output impedance and are very efficient in class C/D/E operation, meaning trail-friendly for battery use. These seem like good final amps for anyone building CW transmitters. Many "LOWFER" 160-190 Khz experimenter's band transmitters have been designed around IRF-511s due to the 1-watt input power restriction and the efficiency of the device.

I'd sure like to see some 5-watt power FET amp designs that I could drive with an IC, 2N2222A, or "anything"

73

Jay

W6CJ

-----Original Message-----

From: Mike Mullins [mailto:mmullins@mastnet.net]

Sent: Sunday, June 11, 2000 4:56 PM

To: Low Power Amateur Radio Discussion

Subject: Re: Power FET PA ?

K0HPS wrote to ask about a FET amplifier in QST many years ago. I'm not sure it's appropriate to discuss this topic on QRP-L, but the Nov. 1990 issue of '73' had an article on a 40 W class-C amp based on an IRF-531, which is in the same family as the IRF-511. I'm using an IRF-530 which are

cheap (~\$1?) from DigiKey. It's got RF-triggered QSK that works well.

I

built a 20 meter version using Manhattan-style construction as described in

the article. I don't have it completely debugged yet - it seems to break

into oscillation at full power. I built this before I discovered that it

was possible to talk to Japan with 1 watt and a G5RV. This was sent to me

by a kind ham whose name I've forgotten. The article is well written by Bill Heishman N5HNN.

73 de Mike KD5CMN in STX

Date: Mon, 12 Jun 2000 07:08:33 -0700
From: Phil Wheeler <w7ox@earthlink.net>
To: ka9nzi@arrl.net
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [72516] Re: PSK-31 Contest - 3580, 7035
Message-ID: <3944EEE1.F781B647@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Gary Lee Phillips KA9NZI wrote:

>
> Yes, I agree about following bandplans, and especially when they are
> already well-established and widely-publicized, as in this case. Which
> has
> made me wonder sometimes why the PSK31 activity on 14 MHz has
> crept down so low on the band... It should not be below 14.070 according
>

Interesting, Gary. I've never looked below 14.070 for PSK31, so I've never seen it using my K2; and when I get the PSK-20 built, I surely will not look below 14070, since it is xtal controlled! Seems like plenty of contacts are available in the 14070-14074 segment. Is there *much* PSK31 (vs. other digital modes) in the 14060-14070 range?

Phil

Date: Mon, 12 Jun 2000 10:17:47 -0400
From: "AI2Q Alex" <ai2q@ispchannel.com>
To: <rerobins@email.uncc.edu>, "'Low Power Amateur Radio Discussion'" <qrp-l@Lehigh.EDU>
Subject: [72517] RE: SGC2020
Message-ID: <000101bfd478\$fc4668a0\$5c32a7d0@ispchannel.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Anyone wanting to hear a horror story, from one very dissatisfied SGC-2020 owner, should contact K1LGQ, Dennis. Caveat emptor, says he!

-- Vy 73, AI2Q, Alex in Kennebunk, Maine QRP-L 687 .-.-.

-----Original Message-----

From: owner-qrp-1@Lehigh.EDU [mailto:owner-qrp-1@Lehigh.EDU] On Behalf Of Richard E. Robinson
Sent: Thursday, May 25, 2000 2:00 PM
To: Low Power Amateur Radio Discussion
Subject: Re: SGC2020

There is a product review of the SGC-2020 from the October 1998 QST on the ARRL members only web site.

<http://www.arrl.org/members-only/prodrev/pdf/pr9810.pdf>

This is a "must read" for anyone considering the purchase of an SGC-2020.

Wasn't there a comparison of current qrp rig specs posted a few months ago that included the SGC-2020, the K2 and others?

72,

Rick kf4ar

Date: Mon, 12 Jun 2000 07:44:41 -0700
From: "JC Smith" <jc-smith@worldnet.att.net>
To: <kizerian@ced.utah.edu>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [72518] Re: Sensitive Stereo Headphones
Message-ID: <004701bfd480\$9d44d6e0\$ba66480c@att.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

For those who attend swapmeets, particularly the one at LasPositas College prior to the monthly NorCal meetings, keep your eye out for a blister pack containing Memorex brand phones. The package contains a set of fold-up, in-ear type headphones, a 1/4" plug adapter and a little fake leather carrying case. The phones seem as sensitive as any I have (work fine with the output of a NC-40) and the cost was right, \$4. The stand that has them is the guy who has all the bins of connectors and adapters and numerous small batteries (among other things). Most of his stuff is spread out on the ground, not on tables. He's there every month, far as I can tell.

72 - JC,k0hps@amsat.org

----- Original Message -----

From: Bruce Kizerian <kizerian@ced.utah.edu>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Sent: Monday, June 12, 2000 5:06 AM
Subject: Re: Sensitive Stereo Headphones

> I have tested many types of inexpensive stereo headphones. Charles Kitchin did
> the same, and we both came to the same conclusion. Sony headphones are much more
> sensitive than the other brands. I found the in-the-ear varieties to be the most
> sensitive on the ElmeRadio. If you find these annoying try any of their light
> weight Walkman headphones. They all seem to be excellent. I purchased a couple
> of pairs of on-the-ear types on sale for \$6.00 each. They are very comfortable and
> sensitive.
>
> Hope this helps
>
> Bruce kk7zz
>
>
>

Date: Mon, 12 Jun 2000 10:41:45 -0500
From: Gary Lee Phillips KA9NZI <ka9nzi@arrl.net>
To: qrp-l@Lehigh.EDU
Subject: [72519] Re: PSK-31 Contest - 3580, 7035
Message-ID: <394504B9.E4D03170@arrl.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I carried on a rather lengthy discussion of this with Phil off-list. Just
to avoid leaving the question hanging, I have noticed PSK31 at 14.068 and even lower fairly often. This is when tuning the band with a TS450S in FSK mode, so the frequency readout should be accurate.

As I said to Phil, this may just be a result of splatter from overmod, or it might be folks with analog VFOs that aren't too accurate, or maybe some who are using LSB with rigs that read out 14.070 but that's the suppressed carrier frequency and the actual sideband signal is a couple of kHz lower. I've spent only a limited amount of time actually set up to decode the PSK31 signals, but when I did so, I observed a lot of overmodulation and splatter. I think the many introductory articles in various journals have perhaps understated the need for careful adjustment and they have certainly underemphasized the bandplan issues.

-- Gary Phillips, Marengo, IL <mailto:ka9nzi@arrl.net>
KA9NZI, Seneca Twp., McHenry Co., IL Grid: EN52rg
QRP-L #2124 <http://www.qsl.net/ka9nzi/>

Date: Mon, 12 Jun 2000 11:43:36 EDT
From: "Mark Adams" <k2qo@hotmail.com>
To: qrp-l@lehigh.edu
Subject: [72520] VHF /P QRP How To's
Message-ID: <20000612154336.44439.qmail@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

Hi Gang,

I operated the VHF QSO party on 6M only this weekend (no other VHF/UHF+ equipment here!). Operation was very casual. My setup was out on the "back 40" as I got blown off my site in Pembroke, NY. Wow, was it WINDY. Did about 18 Q's at 1-3 Watts, CW and SSB combined.

Anyway, are there any stories I could read about successful QRP /P operation at VHF+? (Zack, W1VT, are you reading this?) What equipment is popular? Do most /P guys stick with just a band or two for the contests? What bands are preferred, stuff like that. Some web searching got me lots of Rover stories, but no Portable stories.

Right now, all I have is an IC502 and DK9SQ mast supporting my BiSquare. It works great, but I would like to work the higher bands with the minimum amount of gear. It almost seems that the way to go is with an IC706MkIIIG. Then, all that is needed are xverters for 1.2G and up.

Thanks,
Mark K2QO

Get Your Private, Free E-mail from MSN Hotmail at <http://www.hotmail.com>

Date: Mon, 12 Jun 2000 08:43:53 -0700
From: Allan G Taylor <k7gt@qsl.net>
To: qrp-1@Lehigh.EDU
Subject: [72521] Re: FS: More Shack Cleaning Items
Message-ID: <39450539.1FA9@qsl.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Everything is committed except the two antennas.

2m 4el backpackable yagi (Arrow)

10m 5 el XM510 Cushcraft (not backpackable)

GT

--

Allan Taylor K7GT Pleasanton/Livermore CA

k7gt@qsl.net or k7gt@aol.com

Date: 12 Jun 2000 15:59:55 -0000
From: "laura halliday" <marsgal42@hotmail.com>
To: qrp-1@lehigh.edu
Subject: [72522] Re: Soundblaster
Message-ID: <20000612155955.29640.qmail@hotmail.com>

Date: Mon, 12 Jun 2000 08:59:55 PDT
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

Royce Simmons (w2rnb@prodigy.net) wrote:

>Does anyone know of a manual that describes soundblaster
>programming?
>All the books I have been able to locate are out of print.

The actual interface is straightforward, but you must look

in your operating system manual, because these things are 100% operating system dependent.

If your operating system doesn't provide a sane interface, get one that does.

One you have samples (which is the easy part), you must do something with them. This is where the **real** fun begins.

Laura Halliday VE7LDH "Que les nuages soient notre
Grid: CN89mg pied a terre..."
 - Hospital/Shafte

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Date: Mon, 12 Jun 2000 12:01:13 -0400
From: "Scott E. Olitsky" <solitsky@acsu.buffalo.edu>
To: <k2qo@hotmail.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [72523] Re: VHF /P QRP How To's
Message-ID: <009401bfd487\$8fbc0280\$7de9cd80@Home.buffalo.edu>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi Mark,

I was out on Carlton Hill at almost 1600 ft for the contest. The wind was incredible and I could not extend my mast very far at all. I had the Icom portable rigs for 6m, 2m and 70 cm and made a few contacts. It was hard to keep the 2m yagi pointed in the desired direction with the wind. I had brought along my FT-100 and some bigger batteries but did not need them. That would be lighter to carry than all those radios but was not sure how long the batteries would have lasted.

Scott
AC3A

-----Original Message-----

From: Mark Adams <k2qo@hotmail.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Date: Monday, June 12, 2000 11:44 AM
Subject: VHF /P QRP How To's

>
>Hi Gang,
>
>I operated the VHF QSO party on 6M only this weekend (no other VHF/UHF+
>equipment here!). Operation was very casual. My setup was out on the "back
>40" as I got blown off my site in Pembroke, NY. Wow, was it WINDY. Did
about
>18 Q's at 1-3 Watts, CW and SSB combined.
>
>Anyway, are there any stories I could read about successful QRP /P
operation
>at VHF+? (Zack, W1VT, are you reading this?)What equipment is popular? Do
>most /P guys stick with just a band or two for the contests? What bands are
>preferred, stuff like that. Some web searching got me lots of Rover
stories,
>but no Portable stories.
>
>Right now, all I have is an IC502 and DK9SQ mast supporting my BiSquare. It
>works great, but I would like to work the higher bands with the minimum
>amount of gear. It almost seems that the way to go is with an IC706MkIIG.
>Then, all that is needed are xverters for 1.2G and up.
>
>Thanks,
>Mark K2QO
>
>-----
>Get Your Private, Free E-mail from MSN Hotmail at <http://www.hotmail.com>
>

Date: Mon, 12 Jun 2000 11:26:17 -0500
From: Dave Sjolín <sjolin@swbell.net>
To: k2qo@hotmail.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [72524] Re: VHF /P QRP How To's
Message-ID: <39450F29.4FF8E12@swbell.net>
MIME-version: 1.0
Content-type: text/plain; charset=us-ascii
Content-transfer-encoding: 7bit

Mark Adams wrote:

>
> Anyway, are there any stories I could read about successful QRP /P operation
> at VHF+? (Zack, W1VT, are you reading this?)What equipment is popular? Do
> most /P guys stick with just a band or two for the contests? What bands are
> preferred, stuff like that. Some web searching got me lots of Rover stories,
> but no Portable stories.

QST publishes the results of each of the variuos VHF contest it sponsors. The scores are typically broken down by band used. Additionally, there are photos and commentary from participants that should be of interest.

Also QST has published a number of articles over the years on VHF contesting. While much of this may have a rover flavor to it, there is little difference between a rover and a car parked on a mountain top or a camp site. I would do search of QST back issues.

Also check back issues of CQ-VHF which has run similar articles no VHF contesting. They were recently folded into CQ but back issues may be available.

Also there is are several VHF reflectors, similar to qrp-L that cover just what you were asking for. Send subscribe message to vhf-request@w6yx.Stanford.EDU.

For example this morning, i read the report by a local who discussed the inverter he was using for power, problems he had with his rotor, and the mast he was using to support his antennas. Similar contest stories typically start at the end of a contest and run for several days there after.

Not sure but I wouldnt be surprised if the books The Magic Band, the ARRL VHF/UHF Companion, and CQ Magazines latest VHF book all discuss contesting, and rover/portable operations. Check them out.

> Right now, all I have is an IC502 and DK9SQ mast supporting my BiSquare. It
> works great, but I would like to work the higher bands with the minimum
> amount of gear. It almost seems that the way to go is with an IC706MkIIG.

Does that cover 432? I believe the FT100D, FT-847 and the yet to be released new Kenwood do.

73 de Dave, N0IT

Date: Mon, 12 Jun 2000 10:10:44 -0700
From: Jerry Parker <jparker@fix.net>
To: qrp-l@LeHigh.edu
Subject: [72525] Help with English Transistor
Message-ID: <2.2.32.20000612171044.013671b8@fix.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

I am looking for help on type and specs for the following transistor.

Made by Ferrant Semiconductors and the box says made in England. Part number is FST275.

Thanks ahead of time for any help.

72,,,Jerry...WA6OWR...k

Date: Mon, 12 Jun 2000 10:05:35 -0700
From: "Paul Meier" <k7pm@home.com>
To: "QRP-L List" <qrp-l@Lehigh.EDU>
Subject: [72526] FS shack cleaning
Message-ID: <039801bfd490\$78bb8e80\$f2490a18@potlnd1.or.home.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Autek Research Filter QF-1A with copied manual. \$45

Kantronics Kam Plus TNC v7.1 ROM with manuals \$195

Yaesu YO-301 Monitor Scope with manual \$135.

All prices include shipping in conus.

Paul K7PM
k7pm@home.com

Date: Mon, 12 Jun 2000 12:54:13 -0400
From: hamjoel@juno.com
To: qrp-l@lehigh.edu
Subject: [72527] Re: PSK-31 Contest - 3580, 7035
Message-ID: <20000612.130325.-353385.2.hamjoel@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

Gentle peoples:

I must plead ignorance here... what is so important about these two frequencies that for two days out of a year they can't be used for psk operation.... The fcc says it's legal and they represent "all" hams... the arrl represents it's members... of which many hams are not...

Let's face it ... on psk the max power is about 50 watts in most cases... and in this case, most stations will be at 5 Wtts or less.... and into the milliwatts.... I don't see the sacred cow that's being offended here...

There is easier access to the many different modes of operation these days and band space isn't an issue here... 31 hz wide an't very wide... 30wpm cw is wide... especially with key clicks and a bit of chirp and ac on the signal...or an over driven amp...

There is room for everybody everywhere... however if one is determined to use a particular freq wheather it's occupied or not.. then there is not enough room for anybody... If there is a problem it's an operator problem... (and not the new ones) the frequencies are there to use on a first come first serve basis... and if no one is willing to get input from the many different groups that operate different modes and form an up to date band plan that will make most happy... there is no solution....

In the meantime I'll keep my wire / rope antennas up and operating while u more educated folk argue these things out..... Man I never heard so much dx on forty meters and the different countries are dropping to 5 watts... from cajun cornor, strong maine....

I might be selling my qrp+ T0 try and build the k1 xmtr... if I do \$300 will be the price...

however I have thoughts of putting the qrp+ in my kayak on twenty meters...using a ham stick ant.... would be nice when the fish aren't biting or just paddling around for the exercise...

Oh , please don't get ur blood pressure up about this post... I just don't understand the fuss... and think it's kind of a non issue... I just do my best to follow the fcc rules and hope some form of "incentive licencing" doesn't strike me again... so if I happen upon ur "private" freq with the wrong mode, please break in and let me kneaux and I will happily qsy....

kella joel

in maine

wondering why things get to be important...

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<http://dl.www.juno.com/get/tagj>.

Date: Mon, 12 Jun 2000 12:30:48 -0500
From: Karl Kanalz <KKanalz@excel.com>
To: "'jparker@fix.net'" <jparker@fix.net>, Low Power Amateur Radio Discussion
<qrp-l@Lehigh.EDU>
Subject: [72528] RE: Help with English Transistor
Message-ID: <2D343922E283D211945C0008C7A41B2A02B20CA8@adntex01.adsn.dal.excel.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

I believe it's "Ferranti", not just "Ferrant", Jerry...

Sorry I can't help you, since I left the UK before Ferranti really
"... got into the business...." I'm hoping that some of our UK
participants can give you a helping hand -- or you might try
the "G-QRP" reflector directly.

Karl K - W8TIF
McKinney, Texas

-----Original Message-----

From: Jerry Parker [mailto:jparker@fix.net]
Sent: Monday, June 12, 2000 12:11 PM
To: Low Power Amateur Radio Discussion
Subject: Help with English Transistor

I am looking for help on type and specs for the following
transistor.

Made by Ferrant Semiconductors and the box says made in
England. Part number is FST275.

Thanks ahead of time for any help.

72,,,Jerry...WA6OWR...k

Date: Mon, 12 Jun 2000 10:35:19 -0700
From: Marv Fagenson <k6hcj@juno.com>
To: qrp-l@Lehigh.edu
Subject: [72529] BLT Drilling Template
Message-ID: <20000612.103522.-298525.1.k6hcj@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

Sorry to disturb but:

The drilling template on the back of the BLT schematic calls out 4 hole sizes, A,B,C,D.

I see all holes and sizes except that designated as "B", 3/16". Am I missing sumthin' or is that a typo? There is no "B".

tnx

Marv Fagenson

k6hcj@Juno.com

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<http://dl.www.juno.com/get/tagj>.

Date: Mon, 12 Jun 2000 13:56:22 -0400

From: "Jim Kortge, K8IQY" <jokortge@prodigy.net>

To: qrp-l@lehigh.edu

Subject: [72530] New 2N2/15 Information

Message-ID: <4.3.2.7.1.20000612134754.00aabb50@pop.prodigy.net>

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"; format=flowed

Gang.....

I've just posted a bunch of new information on my web page for the latest work on the 2N2/15, 15 meter CW transceiver. The new information is at the bottom of the 2N2/15 link, and consists of a complete set of schematics for the receiver, and 10 pictures covering the construction so far.

I'll go back at a later date and generate the technical discussions I was doing, but those were contaminating the creation of the design, so I stopped doing them until I had the receiver portion done. My appologies to those who were following those, but I do intend to finish them.

I also did two basic measurements on the receive strip, MDS, and image rejection.

The MDS is better than -130 dBm, and the image rejection is -95 dBm, darn good numbers I think, considering the low tech parts that are used.

72 and enjoy.....Jim, K8IQY

K8IQY web page reference: <http://www.qsl.net/k8iqy>

Jim Kortge, K8IQY (ex NU8N) | NorCal, QRP-L

jokortge@cwix.com | __o H.F. bicycle mobile

Fenton, MI | _`<, Mizuho 17/40 SSB

... .. (*)/(*)

Date: Mon, 12 Jun 2000 12:31:00 +0100
From: "George Dobbs" <g3rjv@gqrp.demon.co.uk>
To: <GQRP@onelist.com>
Cc: <QRP-L@lehigh.edu>
Subject: [72531] Frank Lee G3YCC
Message-ID: <000901bfd498\$80ab7120\$151d989e@kcubkvql>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I have have been asked to pass on this message from Frank's widow:

Margaret, Susan, Andrew and all the family thank everyone
who took the trouble to email George Dobbs G3RJV
after the sad death of Frank G3YCC
It was touching to find how many friends he had made through amateur radio
and easy to see why he enjoyed it so much.
My Best Wishes to you all
Margaret Lee

George Dobbs G3RJV
g3rjv@gqrp.com
The G QRP Club
[www.gqrp.com]

"It is vain to do with more
what can be done with less"

William of Occum. 1290-1350

Date: Mon, 12 Jun 2000 13:59:38 -0400
From: "AI2Q Alex" <ai2q@ispchannel.com>
To: "'Charles K Brown'" <n4so@juno.com>
Cc: "QRP-L (E-mail)" <qrp-l@Lehigh.EDU>
Subject: [72532] RE: SGC2020
Message-ID: <000001bfd497\$f99c8d40\$5c32a7d0@ispchannel.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi Ken:

I must have his call wrong as I can't find it in the database. SRI. I'll keep ur email and try to find his callsign, and let u know if I'm successful. He's the guy who used to be chief editor of the NE QRP journal. Does that ring a bell?

-- AI2Q, Alex

-----Original Message-----

From: Charles K Brown [mailto:n4so@juno.com]
Sent: Monday, June 12, 2000 11:07 AM
To: ai2q@ispchannel.com
Subject: Re: SGC2020

ai2q,
What is the E-mail address for K1LDG?

Ken Brown N4SO
Mobile, AL EM50tk
NorCal 20 at 5 watts
4 element yagi

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<http://dl.www.juno.com/get/tagj>.

Date: Mon, 12 Jun 2000 14:19:50 -0400
From: John Wagner <john@neknetwork.com>
To: k6hcj@juno.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [72533] Re: BLT Drilling Template
Message-ID: <394529C6.9622C78C@neknetwork.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I never noticed that. I drilled mine according to the plan, no B, and all the pieces fit, so I'd say not to worry about it. Great little tuner, I love it!

73,

John, KB1ENS

Marv Fagenson wrote:

>
> Sorry to disturb but:
> The drilling template on the back of the BLT schematic calls out 4 hole
> sizes, A,B,C,D.
> I see all holes and sizes except that designated as "B", 3/16". Am I
> missing sumthin' or is that a typo? There is no "B".
> tnx
> Marv Fagenson
> k6hcj@Juno.com
>
> -----
> YOU'RE PAYING TOO MUCH FOR THE INTERNET!
> Juno now offers FREE Internet Access!
> Try it today - there's no risk! For your FREE software, visit:
> <http://dl.www.juno.com/get/tagj>.

--

John Wagner - john@neknetwork.com
Web page: <http://www.neknetwork.com>
Sign up for PayPal:
<https://secure.paypal.com/refer/pal=john%40neknetwork.com>

Date: Mon, 12 Jun 2000 14:41:36 -0400
From: "Jim Kortge, K8IQY" <jokortge@prodigy.net>
To: qrp-l@lehigh.edu
Subject: [72534] 2N2/6 Transverter
Message-ID: <4.3.2.7.1.20000612143921.00aacf00@pop.prodigy.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Gang.....at the prompting of one of the list members, I've added
the parts list for the 2N2/6, 40 meter to 6 meter CW transverter
to my web page. Go to: <http://www.qsl.net/k8iqy> and follow the
2N2/6 link.

72.....Jim, K8IQY

Jim Kortge, K8IQY (ex NU8N)		NorCal, QRP-L
jokortge@cwix.com	__o	H.F. bicycle mobile
Fenton, MI	_`<	Mizuho 17/40 SSB
...	(*)/(*)	...

Date: Mon, 12 Jun 2000 11:58:29 -0700 (PDT)
From: Craig LaBarge <wb3gck@yahoo.com>
To: qrp1-mailing-list <qrp-1@lehigh.edu>
Subject: [72535] BLT Tuner Cover
Message-ID: <20000612185829.13366.qmail@web705.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

I'm in the process of building a NorCal BLT tuner.
I'm not sure if I like the transparent cover, though.
Has anyone done anything different with the lexan
cover supplied with the kit? I'm not sure if lexan
takes paint or not (I suspect it won't). I've also
thought about putting some sort of contact paper on
it.

Any great ideas out there?

73, Craig WB3GCK

Do You Yahoo!?
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<http://photos.yahoo.com>

Date: Mon, 12 Jun 2000 20:04:12 +0100
From: "Tony Fishpool" <g4wif@btinternet.com>
To: "GQRP list" <gqrp@onelist.com>, "QRP-1" <qrp-1@lehigh.edu>
Subject: [72536] G3YCC
Message-ID: <008301bfd4a1\$0d711080\$03b601d5@p200>
MIME-Version: 1.0
Content-Type: text/plain;
charset="Windows-1252"
Content-Transfer-Encoding: 7bit

A couple of weeks ago, the QRP world heard of the passing of Frank
G3YCC - who most know of from the masses of information he put at our
disposal through his website. Frank put a lot of time & effort into
this and it would be a great pity if that work was lost.

We've already seen some postings from folk who intend to download his
files and create "tribute" sites and that's great. It's not my

intention to do this, but I hope to preserve his memory in a different way.

I've created a single executable file that contains his entire website. From the masses of technical stuff, right down to the photographs of local scenery (and even squirrels!). Not a thing has been changed except to use relative addressing and to indicate whether links are external to his site. It runs to about 8.5 meg and it will run on a WINTEL platform only.

When run, it extracts to a temporary folder and then launches your browser (I've only been able to test I.E.5, and someone else - Netscape, but I don't know which version). The whole thing runs as if Frank's website is on your P.C. When you quit from the browser, the temporary files are deleted (until you run it again).

As a bonus, it can also be opened in WINZIP, and all the files extracted. If you intend to create a tribute site, this may be of interest because as it stands, Frank's code will not run on any other server without modification - mine does.

In case anyone is worried about permission, George Dobbs has cleared this with Frank's wife who is pleased that he can be remembered in this way by the hobby he loved.

The file can be downloaded from <http://www.btinternet.com/~g3mfj/g3ycc.htm> and shortly, from servers in the U.S./Australia and Spain. If anyone wants to host it on their site, then please email me as I'll be starting a links page on the GQRP website (www.gqrp.com). Keep an eye on the "news" page for developments.

Kind regards
Tony - G4WIF

Date: Mon, 12 Jun 2000 15:52:26 -0400 (EDT)
From: "John L. Sielke" <n4js@pobox.com>
To: Craig LaBarge <wb3gck@yahoo.com>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [72537] RE: BLT Tuner Cover
Message-ID: <XFMail.000612155226.n4js@pobox.com>
Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit
MIME-Version: 1.0

I painted it on the inside with black spray paint. seems to be OK, and looks nice on the outside, which is what counts.

On 12-Jun-00 Craig LaBarge wrote:

> I'm in the process of building a NorCal BLT tuner.
> I'm not sure if I like the transparent cover, though.
> Has anyone done anything different with the lexan
> cover supplied with the kit? I'm not sure if lexan
> takes paint or not (I suspect it won't). I've also
> thought about putting some sort of contact paper on
> it.
>
> Any great ideas out there?

/ \ / \ / \ / \ John L. Sielke n4js@pobox.com n4js@qsl.net
(N)(4)(J)(S) NJ Grid:FM29LN <http://www.qsl.net/n4js>
_/ _/ _/ _/ NJ-QRP #57 QRP-L #884 QRP-ARCI ARQrp #86
G-QRP #9544 NorCal #1989 CQC AKQRP QCWA FISTS #2781
Elecraft K2 #00023

Date: Mon, 12 Jun 2000 15:53:46 -0400
From: "Charles Mabbott" <crmabbott@mediaone.net>
To: <qrp-1@Lehigh.EDU>
Subject: [72538] SGC2020 Comments
Message-ID: <000301bfd4a7\$ec076dc0\$0201a8c0@mw.mediaone.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

That is to bad about the horror story, I have had excellent luck with mine both on SSB and CW. It is easy to carry, manual was straight forward. The only problem [fuse blew]: I had to reboot it so to speak. Most of the functions can be figured out looking at front panel. But that summary command card is handy to have with you in the field. Have not had to call tech support at all. Has not had to make a trip back to SGC. Packs very nicely, setup is quick and have worked stations from both base and portable.

73,
Chuck AA8VS

MI-QRP #M1212
QTH Canton, MI

Date: Mon, 12 Jun 2000 15:07:05 -0500
From: Charles K Brown <n4so@juno.com>
To: qrp-l@lehigh.edu
Subject: [72539] Manual TIN registration
Message-ID: <20000612.150705.14622.0.n4so@juno.com>

Info on Manual TIN registration is on this
computer--ask for the TIN text file.
This explains a manually filed FCC Form 606.

Ken Brown N4SO
Mobile, AL EM50tk
NorCal 20 at 5 watts
4 element yagi

YOU'RE PAYING TOO MUCH FOR THE INTERNET!
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Try it today - there's no risk! For your FREE software, visit:
<http://dl.www.juno.com/get/tagj>.

Date: Mon, 12 Jun 2000 16:18:48 -0400
From: "Richard E. Robinson" <rerobins@email.uncc.edu>
To: qrp-l@lehigh.edu
Subject: [72540] "Tex" Beneke K0HWY, SK
Message-ID: <v03102809b56af5433e87@[152.15.144.71]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

This is from the ARRL Member's letter. I didn't realize Tex Beneke was a
ham, but he sure was quite a musician.

72,

Rick kf4ar

HAMS REMEMBER BIG BAND LEADER "TEX" BENEKE, K0HWY, SK

Big band singer and saxophonist Gordon L. "Tex" Beneke, KOHWY, of Santa Ana, California, died at a rest home in Costa Mesa May 30, reportedly of respiratory arrest. He was 86.

Beneke took over the Glenn Miller Orchestra in 1946 after Miller's death during World War II, and he continued to capitalize on the Miller sound throughout his career. He later broke with the Miller estate and formed his own band, billing it as "Tex Beneke and His Orchestra: Playing the Music Made Famous by Glenn Miller."

A native of Forth Worth, Texas, Beneke joined Miller's orchestra in 1938. His southern-style vocals helped make hits out of Miller's "Chattanooga Choo-Choo" and "Don't Sit Under the Apple Tree," among others.

Date: Mon, 12 Jun 2000 14:39:02 -0600
From: carlos.caro@lmco.com
To: qrp-1@Lehigh.EDU, n4js@pobox.com
Subject: [72541] RE: BLT Tuner Cover
Message-ID: <D0A28D7EFEB4D11181DE0000F80627BB023A4745@EMSS02M14>
Content-return: allowed
MIME-version: 1.0
Content-type: text/plain
Content-transfer-encoding: 7BIT

If your going to do a lot of outdoors operating, I would paint it gloss white. Can make a 30-40 degree difference in the sun.

carlos #1333

> -----
> From: John L. Sielke[SMTP:n4js@pobox.com]
> Reply To: n4js@pobox.com
> Sent: Monday, June 12, 2000 1:52 PM
> To: Low Power Amateur Radio Discussion
> Subject: RE: BLT Tuner Cover
>
> I painted it on the inside with black spray paint. seems to be OK, and
> looks
> nice on the outside, which is what counts.
>
> On 12-Jun-00 Craig LaBarge wrote:
> > I'm in the process of building a NorCal BLT tuner.
> > I'm not sure if I like the transparent cover, though.

> > Has anyone done anything different with the lexan
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> > takes paint or not (I suspect it won't). I've also
> > thought about putting some sort of contact paper on
> > it.
> >
> > Any great ideas out there?
>
> ---
>
> /_ \ /_ \ /_ \ /_ \ John L. Sielke n4js@pobox.com n4js@qsl.net
> (N)(4)(J)(S) NJ Grid:FM29LN <http://www.qsl.net/n4js>
> _ / _ / _ / _ / NJ-QRP #57 QRP-L #884 QRP-ARCI ARQrp #86
> G-QRP #9544 NorCal #1989 CQC AKQRP QCWA FISTS #2781
> Elecraft K2 #00023
>

Date: Mon, 12 Jun 2000 16:46:20 -0400
From: Mike Maiorana <mikemo@attglobal.net>
To: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [72542] Making BNC connectors
Message-ID: <39454C1C.322261E7@attglobal.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I'm still using mostly PL-259 type connectors. They are easy enough to make given a good soldering gun and some flux. I want to start using BNC connectors but have no idea how to make the connection. I've made network cable before and used a special crimp tool. Is this the way everyone makes these? How well do the "screw on" type work? (not well, I'd guess). Any suggestions?

Thanks and 72
Mike Maiorana, KU4QO

Date: Mon, 12 Jun 2000 13:42:49 -0700 (PDT)
From: Curt Milton <wb8yyy@yahoo.com>
To: wb3gck@yahoo.com, Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [72543] Re: BLT Tuner Cover
Message-ID: <20000612204249.26336.qmail@web2005.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

I think you should be proud of your workmanship ... my

first impression is that the clear cover is nice! My 38S is in a lidless box so i am thinking of a clear cover for it once I find a source for the material!

Curt WB8YYY/3

--- Craig LaBarge <wb3gck@yahoo.com> wrote:
> I'm in the process of building a NorCal BLT tuner.
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> though.
> Has anyone done anything different with the lexan
> cover supplied with the kit? I'm not sure if lexan
> takes paint or not (I suspect it won't). I've also
> thought about putting some sort of contact paper on
> it.
>
> Any great ideas out there?
>
> 73, Craig WB3GCK
>
>
>
>
> -----
> Do You Yahoo!?
> Yahoo! Photos -- now, 100 FREE prints!
> <http://photos.yahoo.com>

Do You Yahoo!?
Yahoo! Photos -- now, 100 FREE prints!
<http://photos.yahoo.com>

Date: Mon, 12 Jun 2000 16:40:34 -0400
From: Michael Bower <bowerm@ix.netcom.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [72544] Re: RS.COM meter on sale
Message-ID: <39454AC2.9418835C@ix.netcom.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Darrel, did you buy this in a store or from the net? I just went to my local RS (what a joke) and they hadn't heard of it. Nor was it in their flyer. So when I got home, I checked the RS site (www.radioshack.com) and didn't find anything

there either.

Do you have a catalog number to search with?

TIA

Michael N4NMR

WD6BOR@aol.com wrote:

> I just purchased a Metex DMM that Radioshack.com currently has on sale for
> \$29.95. It is a full-function digital auto-ranging multi-meter that includes
> a RS-232 serial port and the software needed to log measurements onto your
> computer. I had bought two of these previously for school and was impressed
> by the apparent quality for a meter that sold at that time for \$39.95. It has
> data-hold and range-hold functions and measures AC and DC voltage and
> current, resistance and diode functions. If you are new to building, a good
> meter is one of the basic tools for the bench. There are other meters out
> there with beta transistor test functions as well as capacitance measurement
> that show up on sale for similar prices. I've bought the Elenco DMMs for use
> in my classes, but they are definitely the cheaper made-in China type, and
> haven't held up that well. I see them on sale at Harbor Freight every few
> months for about \$10, but the Metex meter looks like one that will last quite
> a bit longer.

>

> One thing I do when building a rig is to use two meters simultaneously to
> monitor supply current and measure voltages when tuning the rig. I don't own
> stock in Radio Shack, but they occasionally have test equipment on sale at
> some killer prices. This one is catalog number 910-4092, on sale until July
> 1. The telephone number is 1-800-442-7221, and the web site is
> www.radioshack.com/b2b.

>

> 72, Darrel, WD6BOR

Date: Mon, 12 Jun 2000 16:52:57 -0400

From: "Mike Yetsko" <myetsko@insydesw.com>

To: <bowerm@ix.netcom.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Subject: [72545] Re: RS.COM meter on sale

Message-ID: <006801bfd4b0\$3689db00\$2101a8c0@insydesw.com>

MIME-Version: 1.0

Content-Type: text/plain;
charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

A meter with '91' as the part number isn't a normal store item. I believe they are all 22-xxxx or similar. The stores don't know they even exist.

And the 'b2b' in the web site probably stands for Business to Business.

Look on the web for that catalog number (below)

Mike

> Darrel, did you buy this in a store or from the net? I just went to my local RS
> (what a joke) and they hadn't heard of it. Nor was it in their flyer. So when I
> got home, I checked the RS site (www.radioshack.com) and didn't find anything
> there either.
>
> Do you have a catalog number to search with?
>
> TIA
>
> Michael N4NMR
>
>
> WD6BOR@aol.com wrote:
>
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> > \$29.95. It is a full-function digital auto-ranging multi-meter that includes
> > a RS-232 serial port and the software needed to log measurements onto your
> > computer. I had bought two of these previously for school and was impressed
> > by the apparent quality for a meter that sold at that time for \$39.95. It has
> > data-hold and range-hold functions and measures AC and DC voltage and
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> > some killer prices. This one is catalog number 910-4092, on sale until July
> > 1. The telephone number is 1-800-442-7221, and the web site is
> > www.radioshack.com/b2b.
> >
> > 72, Darrel, WD6BOR
>
>

Date: Mon, 12 Jun 2000 16:57:42 -0400
From: "AI2Q Alex" <ai2q@ispchannel.com>
To: "QRP-L (E-mail)" <qrp-l@Lehigh.EDU>
Subject: [72546] FW: SGC2020
Message-ID: <000301bfd4b0\$da85d600\$5c32a7d0@ispchannel.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

-----Original Message-----
From: Joel Malman [mailto:malman@world.std.com]
Sent: Monday, June 12, 2000 3:31 PM
To: ai2q@ispchannel.com
Subject: Re: SGC2020

> I must have his call wrong as I can't find it in the database.

The correct call is K1LGQ, Dennis in Brookline, NH. Well known
QRP'er and leader of the New England QRP Club... www.qsl.net/wq1rp/

... joel (queen mary)

--

/joel K1QM (k1 queen mary), Concord, MA.
QRP-L #337, QRP-ARCI #9305, MI-QRP #1641

Date: Mon, 12 Jun 2000 17:17:14 -0400
From: "Franco, Nicholas J" <franco@bnl.gov>
To: "'qrp-l@lehigh.edu'" <qrp-l@lehigh.edu>
Subject: [72547] SMK-1 # 238 On The Air!
Message-ID: <698DB793D712D31180B600902746422DFB47DC@exchange01.bnl.gov>
MIME-Version: 1.0
Content-Type: text/plain;
charset="windows-1252"

Oh yeah - It was a sweet thing. First shot and the little guy came right up
one the air. I just love the NJQRP case and connector kit too. I
completly built the whole rig and case kit and installed it in the case and
everything before every applying power for the first time (gutsy eh?). To
my relief and some surprise, it came right up. I didn't let any magic smoke
out of any of the components and I couldhear lots of signals on 40m. Seem
the RX moves alittle more than the TX but a great approach.

I have a question.... When I key (I'm using a bug so I can test with a
mechanical connection) I hear BC for a split second. I think it's only on
initial key closing then it's gone during sending. Have some loud key
clicks too. Sound normal to you guys?

I'm ready for my first QSO. I'll be on the air tonight with at - hopefully
starting around 9:30 EDT.

What a great kit to build. If you don't have one already, buy one. It's
worth it just for the fun of building it.

72,
Nick - kf2p . .

--
Nicholas J. Franco <>< BROOKHAVEN NATIONAL LABORATORY
Systems Administrator Collider-Accelerator Department
Tel: (516) 344-5467 UPTON, NY 11973-5000
Fax: (516) 344-2833 Ham Call: KF2P

<mailto:nickf@bnl.gov> <<http://www.rhichome.bnl.gov/People/franco>>

Date: Mon, 12 Jun 2000 17:20:55 -0400 (EDT)
From: "John L. Sielke" <n4js@pobox.com>
To: carlos.caro@lmco.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [72548] RE: BLT Tuner Cover
Message-ID: <XFMail.000612172055.n4js@pobox.com>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
MIME-Version: 1.0

But it wouldn't keep my coffee warm...

On 12-Jun-00 carlos.caro@lmco.com wrote:

> If your going to do a lot of outdoors operating, I would paint it gloss
> white. Can make a 30-40 degree difference in the sun.

>
> carlos #1333

>
>> -----
>> From: John L. Sielke[SMTP:n4js@pobox.com]
>> Reply To: n4js@pobox.com
>> Sent: Monday, June 12, 2000 1:52 PM
>> To: Low Power Amateur Radio Discussion
>> Subject: RE: BLT Tuner Cover

>>
>> I painted it on the inside with black spray paint. seems to be OK, and
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>> nice on the outside, which is what counts.
>>

/ _ \ / _ \ / _ \ / _ \ John L. Sielke n4js@pobox.com n4js@qsl.net
(N)(4)(J)(S) NJ Grid:FM29LN <http://www.qsl.net/n4js>
\ _ / \ _ / \ _ / \ _ / NJ-QRP #57 QRP-L #884 QRP-ARCI ARQrp #86
G-QRP #9544 NorCal #1989 CQC AKQRP QCWA FISTS #2781
Elecrafc K2 #00023

Date: Mon, 12 Jun 2000 17:21:00 EDT

From: NB6M@aol.com
To: qrp-1@lehigh.edu
Subject: [72549] Bad Day at the Bench
Message-ID: <9d.6a2be59.2676ae3c@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

I am passing this experience along in the hopes that it may help some other unsuspecting ham from similar equipment damage.

Some years ago I constructed the 15 Watt Power Amplifier that uses a single MRF449A transistor which was described in the Power Amplifier and Matching Network section of "Solid State Design for the Radio Amateur".

Nice little amp, and I used it in conjunction with a homebrew 1 Watt 40 meter rig for some time with excellent results. The MRF449 could deliver up to 30 Watts out with 1 Watt in, depending on the output network used. The circuit had a resistive attenuator that could be built in if your QRP rig put out more than one watt, or left out if your rig put out 1 Watt or less. Either way, the amp was supposed to provide a 50 ohm load for the QRP rig.

Got it out of the garage yesterday and hooked it up to the SMK-1Watt, as band conditions, especially during the day, have been a little rough. Things seemed fine, and I was in the middle of a very nice QSO when, due to premonition or whatever, I touched the new final transistor of the SMK-1 with my finger. It was quite hot.

While I listened to my contact in QSO, and as I still hadn't bothered putting my SMK in a case, I quickly hooked up an RF probe to the output of the SMK-1Watt and when he turned it back over to me I discovered that the output, which had been about 8 Volts of RF, was now pegging the 15 volt range of my Voltmeter.

Not wanting to simply QRT with no explanation, I tried to quickly sign off with my contact. Big mistake.

While I quickly tried to sign off on the QSO, the power output dropped, and the SWR, which had been zero, changed dramatically for the worse on the dual meter on my Tuner. That made me QRT instantly. After checking into a purely resistive dummy load, I find that I now have a problem to troubleshoot in the SMK-1 and a 15 Watt amp that no longer works (I tried the amp with another rig).

I am far sorrier about the damage to the amp, as the MRF449 power transistor went the way of the DODO bird, and I have no spare.

It is obvious to me that, even though the construction article for the amp

says that it is designed to provide a 50 ohm load to the output of a 1 or two watt transmitter, and even though the amp worked perfectly well with another rig over a three or four year period, there was enough difference in impedance that it (very adversely) affected the output network of the SMK-1, which caused it to put out way more than it could handle.

And, this had the secondary effect of damaging the amp, because the greater than designed input must have been too much for the base/emitter junction of the power transistor.

So, the moral of the story is that if you are going to use an outboard amp with any of your rigs, check the output of your rig when it is coupled to the amp, to see if the output is where it should be. If the RF voltage out is much different than what you normally see when you operate the rig by itself into a dummy load or antenna, you may end up with some of the same type of damage as I did, because that will tell you that the QRP rig being used to drive the amp is not truly seeing a 50 ohm load.

I assumed (boy was I wrong) that since the amp was supposed to be a 50 ohm load, and had worked quite well with another rig, that it would be fine hooked up to the SMK-1Watt.

So, for the time being, my SMK-1Watt is hors de combat. Hope to have it back on the air soon.

72

Wayne NB6M

Date: Mon, 12 Jun 2000 17:36:16 -0400
From: John Wagner <john@neknetwork.com>
To: franco@bnl.gov
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [72550] Re: SMK-1 # 238 On The Air!
Message-ID: <394557D0.F597E05F@neknetwork.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Way to go Nick! I'm going to give my SMK-1 another shot this evening around the same time, so maybe we'll run into each other. I'm at the very top of VT, but I've worked plenty of QRP down your way on 40m. Never less than a watt though, so it should be interesting!

BTW, how does one know what # their SMK-1 is? 73,

John, KB1ENS

"Franco, Nicholas J" wrote:

>
> Oh yeah - It was a sweet thing. First shot and the little guy came right up
> one the air. I just love the NJQRP case and connector kit too. I
> completly built the whole rig and case kit and installed it in the case and
> everything before every applying power for the first time (gutsy eh?). To
> my relief and some surprise, it came right up. I didn't let any magic smoke
> out of any of the components and I couldhear lots of signals on 40m. Seem
> the RX moves alittle more than the TX but a great approach.
>
> I have a question.... When I key (I'm using a bug so I can test with a
> mechanical connection) I hear BC for a split second. I think it's only on
> initial key closing then it's gone during sending. Have some loud key
> clicks too. Sound normal to you guys?
>
> I'm ready for my first QSO. I'll be on the air tonight with at - hopefully
> starting around 9:30 EDT.
>
> What a great kit to build. If you don't have one already, buy one. It's
> worth it just for the fun of building it.
>
> 72,
> Nick - kf2p . .
>
> --
> Nicholas J. Franco <>< BROOKHAVEN NATIONAL LABORATORY
> Systems Administrator Collider-Accelerator Department
> Tel: (516) 344-5467 UPTON, NY 11973-5000
> Fax: (516) 344-2833 Ham Call: KF2P
> <mailto:nickf@bnl.gov> <http://www.rhichome.bnl.gov/People/franco>

--

John Wagner - john@neknetwork.com
Web page: <http://www.neknetwork.com>
Sign up for PayPal:
<https://secure.paypal.com/refer/pal=john%40neknetwork.com>

Date: Mon, 12 Jun 2000 14:51:56 -0700
From: "Dennis B. Dolle" <dolledb@cet.com>
To: <qrp-1@lehigh.edu>
Subject: [72551] OT: Touch-Lamp RFI
Message-ID: <004001bfd4b8\$6f6f4f60\$9c5a60ce@dolledb>
MIME-Version: 1.0
Content-Type: text/plain;

charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Gang,
Had huge, broadbanded, S9 RFI right in the middle of the 40-meter CW band.
Traced the noise to one of those cheap imported lamps that turns on and off
when you touch the base. My first instinct is to just pull the plug and
crush the thing under the wheels of the lawn tractor. Problem is, my ailing
mother-in-law lives with us and can't turn on a light using a normal switch.
She purchased the lamp.

I've read procedures for installing bypass capacitors in the lamp circuit to
cure RFI, but can't remember where I saw them. Anyone out there tackle
this problem before? Please reply direct to help keep the OT bandwidth
down. Thanks.

Dennis, K7YN
Spokane, WA

Date: Mon, 12 Jun 2000 23:59:20 +0200
From: Carel <cmulder@casema.net>
To: qrp-l@Lehigh.EDU
Subject: [72552] Empty: don't read
Message-ID: <39455D38.94FFAF06@casema.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Testmail

Date: Mon, 12 Jun 2000 17:03:16 -0500
From: George W Lee <georgekr5c@juno.com>
To: qrp-l@Lehigh.EDU
Subject: [72553] SMK-1
Message-ID: <20000612.170320.-908271.0.georgekr5c@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

Constant key-down problem solved.

KA0GKC came up with the magic solution by
suggesting that the keyed voltage at the

base of Q6 should be ground potential.
It was not. R-15 was checked and found
to have a bad connection. This was not
because of a poor solder joint but something
I can't explain very well. If I did a normal
solder joint (smooth from board concave up to
top of the resistor...bad connection. So I
brought the solder up on the top part of the
resistor plating and all was good. The reason
I tried this was because when I had the resistor
out of the circuit I had to put a great deal
of pressure on the test leads to make contact
and find the resistance to be OK. Otherwise it
tested open.

So, now I can hear signals, key the TX and all
is well except too much audio from the sidetone.
Unbelievably LOUD! Will have to work on that
now.

Thank you to all who offered suggestions and things
to check that I had not. I see remarks often about
all the great help available on this reflector and I can
assure you it is all true.

Maybe I can solve the sidetone "audio blaster" and
I'll be off and running then. Will be using the rig
and the BLT on Field Day for some extra points.

72 to all who responded and thanks again.

George KR5C

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<http://dl.www.juno.com/get/tagj>.

Date: Mon, 12 Jun 2000 18:12:42 -0400
From: Scott Hotchkiss <w4pj@bellsouth.net>
To: dolledb@cet.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [72554] Re: OT: Touch-Lamp RFI
Message-ID: <3945605A.6E8498CA@bellsouth.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Aw Man! They're the dangdest noisy things. The guys
who market these noisemakers should be sentenced to
listen to their crud for 30 years. I say crush it with a 10lb.
sledgehammer and get her a 'clapper'. (Really, a foot
switch might do the trick.)
de (Scott) W4PJ 'Noise is the enemy!'
P.S. remind her of the Part 15 credo: "must not interfere
with other licensed radio services..." or something like that.

"Dennis B. Dolle" wrote:

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> this problem before? Please reply direct to help keep the OT bandwidth
> down. Thanks.
>
> Dennis, K7YN
> Spokane, WA

Date: Mon, 12 Jun 2000 15:38:51 -0700 (PDT)
From: Craig LaBarge <wb3gck@yahoo.com>
To: qrp-l-mailing-list <qrp-l@lehigh.edu>
Subject: [72555] Re: BLT Tuner Cover
Message-ID: <20000612223851.26859.qmail@web702.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Thanks to all who responded to my question about the lexan cover on the NorCal BLT Tuner. The responses are summarized below:

1. Lexan does indeed take paint very well. Krylon was recommended more than once. One respondent painted the inside of his case for a very scratch resistant finish.
2. One suggestion was to built a new cover out of PC board material.
3. Quite a few folks suggested that I just leave it clear because it looks so cool.

I'll probably give it a shot of paint to match many of my other rigs.

Thanks again. You folks are the best.

73, Craig WB3GCK

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<http://photos.yahoo.com>

Date: Mon, 12 Jun 2000 18:41:45 -0400

From: "Mike Yetsko" <myetsko@insydesw.com>

To: <w4pj@bellsouth.net>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: [72556] Re: OT: Touch-Lamp RFI

Message-ID: <011401bfd4bf\$67f64ca0\$2101a8c0@insydesw.com>

MIME-Version: 1.0

Content-Type: text/plain;

charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

The touch-lamp I bought my daughter is SILENT from an RF standpoint. At all levels of the light! And it's real easy to check! With the K2 feeding my long wire, every touch of my key is like a touch of the lamp!

Dad-di-dah-dit dah-dah-di-dah

is
off-low-mid-high-off low-mid-high-off

Although I do have to admit that sometimes my 'dahs' skip more than one step in the light level. Does that mean the lamp has 'key bounce'?

(Running and hiding from that pun! But it's true!)

Mike

----- Original Message -----

From: Scott Hotchkiss <w4pj@bellsouth.net>

To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>

Sent: Monday, June 12, 2000 6:12 PM

Subject: Re: OT: Touch-Lamp RFI

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> > Dennis, K7YN
> > Spokane, WA
>
>

End of QRP-L Digest 1850
